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THE HELLFIRE MODULAR MISSILE SYSTEM, N88-NTSP-A-50-8311B/A

(a) OPNAVINST 1500.76

Subject NTSP is approved and forwarded per reference (a).

2. Subsequent NTSP review will examine both the effectiveness and efficiency of training outlined in this document.
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APPROVED

NAVY TRAINING SYSTEM PLAN

FOR THE

HELLFIRE MODULAR MISSILE SYSTEM

N88-NTSP-A-50-8311B/A

MARCH 2000

HELLFIRE MODULAR MISSILE SYSTEM

EXECUTIVE SUMMARY

The Hellfire Modular Missile System (HMMS) provides accurate fire on targets acquired and designated by ground observers or airborne laser target designators. The HMMS is intended for use by the United States Navy (USN) H-60 Armed-Helicopter Program (HH-60H and SH-60B), and United States Marine Corps (USMC) AH-1W Helicopters. HMMS Initial Operating Capability (IOC) was attained in June 1986 for the Air-to-Ground Missile (AGM)-114B and third quarter Fiscal Year 95 for the AGM-114K, and AGM-114M will attain IOC October 2000.

The HMMS consists of three configurations; the AGM-114B Hellfire, AGM-114K Hellfire II, and AGM-114M tactical missiles. The HMMS is an anti-armor terminal homing weapon, which uses a shaped charge warhead on the AGM-114B/K versions to defeat individual hardpoint targets with a minimal exposure to enemy fire by the delivery helicopter. The AGM-114M version uses a Blast Fragmentation Warhead (BFW) designed to defeat a general class of targets represented by ships, deck mounted weapon systems, light armored vehicles, and light bunkers by a combination of fragmentation and blast effects. The external configuration of the AGM-114B, AGM-114K, and AGM-114M are the same. The AGM-114K is an enhancement of the original AGM-114B. Enhancements include an Electro-optical Countermeasure hardened target guidance section, a digital autopilot function, an anti-reactive armor warhead, and an Electronic Safe, Arm, Fire Device for the warheads. The AGM-114M is basically an AGM-114K with the forward warhead removed and a BFW inserted as the main warhead. There is also a modified Electronic Safe, Arm, Fire Device.

The HMMS maintenance requirements are allocated to the organizational, intermediate, and depot levels of maintenance as defined in the Naval Ordnance Maintenance Management Program, Office of the Chief of Naval Operations Instruction 8000.(Series). Workload associated with the HMMS does not increase existing manning levels, with the exception of organizational levels. With the advent of forward firing air-to-ground munitions in the Armed-Helicopter Program, Navy personnel in the Aviation Ordnance rating are essential to ensure safe, effective weapons employment from H-60 squadrons. Manpower adjustments for organizational level have been approved and are reflected in the Total Force Manpower Management System and shown in the applicable HH-60H and SH-60B Navy Training System Plans.

The HMMS operator training is provided to Helicopter Pilots, Weapon System Officers, and Air Tactical Officers at the appropriate Fleet Readiness Squadron. Organizational and intermediate level maintenance training for HMMS is taught to USN and USMC ordnance personnel at applicable Naval Maintenance Training Group Detachment (NAMTRAGRU DET) Maintenance Training Unit (MTU), and Fleet Replacement Enlisted Skills Training (FREST) facilities. Specific armament systems maintenance and launcher courses are taught at MTU 1030 Marine Corps Air Station Camp Pendleton, California. The HMMS surface training will be

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conducted at Fleet Training Center San Diego, California, in support of initial ship's company explosive handling personnel qualification and certification programs.

HELLFIRE MODULAR MISSILE SYSTEM

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LIST OF ACRONYMS

ADA	Airborne Data Automation
AGM	Air-to-Ground Missile
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
AOB	Average On Board
ATIR	Annual Training Input Requirement
AUR	All-Up-Round
BFW	Blast Fragmentation Warhead
CAIMS	Conventional Ammunition Integrated Management System
CATM	Captive Air Training Missile
CBT	Computer-Based Training
CEST	Classroom Explosive System Trainer
CETS	Contractor Engineering and Technical Services
CIN	Course Identification Number
CMC	Commandant of the Marine Corps
CNO	Chief of Naval Operations
CWTPI	Conventional Weapons Training Proficiency Inspection
DA	Developing Agency
DATM	Dummy Air Training Missile
DOP	Designated Overhaul Point
DT&E	Developmental Test and Evaluation
DT	Developmental Test
ECP	Engineering Change Proposal
EOD	Explosive Ordnance Disposal
EODTEU	Explosive Ordnance Disposal Training and Evaluation Unit
ESAF	Electronic Safe, Arm, Fire
FHS	FLIR/Hellfire System
FLIR	Forward Looking Infrared
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Readiness Squadron
FTC	Fleet Training Center
FTG	Fleet Training Group

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LIST OF ACRONYMS

FY	Fiscal Year
GEG	Guidance Electronic Group
GSG	Guidance Section Group
HCS	Helicopter Combat Support Special Squadron
HEAT	High Explosive Anti-Tank
HMMS	Hellfire Modular Missile System
HMT	Helicopter Marine Training Squadron
HS	Helicopter Anti-Submarine Squadron
HSL	Helicopter Anti-Submarine Squadron Light
ILSP	Integrated Logistics Support Plan
IOC	Initial Operational Capability
IR	Infrared
LAMPS	Light Airborne Multi-Purpose System
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Aviation Training Management Evaluation Program
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MOS	Military Occupational Specialty
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAS	Naval Air Station
NATEC	Naval Air Technical and Engineering Service Command
NAVAIRSYSCOM	Naval Air Systems Command
NAVPERSCOM	Navy Personnel Command
NAVSCOLEOD	Naval School Explosive Ordnance Disposal
NAVAIRWARCENWPNDIV	Naval Air Warfare Center Weapons Division
NEC	Navy Enlisted Classification
NOBC	Navy Officer Billet Code

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LIST OF ACRONYMS

NOMMP	Naval Ordnance Maintenance Management Program
NS	Naval Station
NSD	Navy Support Date
NTSP	Navy Training System Plan
NWS	Naval Weapons Station
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Office
OT	Operational Test
PEST	Practical Explosive Ordnance Disposal System Trainer
PMA	Program Manager, Air
PQS	Personnel Qualification Standards
RFI	Ready For Issue
RFOU	Ready For Operational Use
RFT	Ready For Training
SAD	Safe Arm Device
SIST	Serviceable In-Service Time
TA	Training Agency
TBD	To Be Determined
TD	Training Device
TFS	Total Force Structure
TGM	Training Guided Missile
TSA	Training Support Agency
TTE	Technical Training Equipment
TTF	Trident Training Facility
USMC	United States Marine Corps
USN	United States Navy
VMAT	Marine Attack Training Squadron
WFM	Weapons Firing Module
WTU	Weapons Training Unit

HELLFIRE MODULAR MISSILE SYSTEM

PREFACE

This Approved Navy Training System Plan (NTSP) for the Air-to-Ground Missile (AGM)-114B, AGM-114K and AGM-114M Hellfire Modular Missile System (HMMS) was prepared as part of the NTSP update process within guidelines set forth in Navy Training Requirements Documentation Manual OPNAV Publication P-751-1-9-97. This NTSP reflects changes that have occurred since the Hellfire Modular Missile System Proposed NTSP, N889-NTSP-A-50-8311B/P, dated January 2000. The major changes to this NTSP consist of:

- Incorporated changes to the executive summary, maintenance concept, training concept, and technical publications.
- Updated information on AGM-114M HMMS.
- Updated points of contacts.

PART I - TECHNICAL PROGRAM DATA

A. TITLE-NOMENCLATURE-PROGRAM

- 1. Nomenclature - Title - Acronym.** AGM-114B Hellfire, AGM-114K Hellfire II, and AGM-114M Hellfire Modular Missile System (HMMS)
- 2. Program Element.** 0204162N

B. SECURITY CLASSIFICATION

- 1. System Characteristics** Confidential
- 2. Capabilities** Unclassified
- 3. Functions**..... Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

- OPNAV Principal Official (OPO) Program Sponsor..... CNO (N880D5)
- OPO Resource Sponsor CNO (N880D5)
- Marine Corps Program Sponsor CMC (APW-23)
- Developing Agency..... PEO TACAIR (PMA242)
- Training Agency CINCLANTFLT
CINCPACFLT
CNET
MCCDC
- Training Support Agency..... NAVAIRSYSCOM (PMA205)
- Manpower and Personnel Mission Sponsor CNO (N12)
NAVPERSCOM (PERS-4B, PERS-404)
- Director of Naval Training CNO (N7)
- Marine Corps Force Structure..... MCCDC (TFS) (C53250)

D. SYSTEM DESCRIPTION

1. Operational Uses. The HMMS, AGM-114B Hellfire, AGM-114K Hellfire II, and AGM-114M, also referred to in this document individually, were designed primarily for destruction of hardened targets during day or night operations, with sufficient standoff range to permit minimal exposure to enemy fire by the delivery helicopter. The AGM-114B, AGM-114K, and AGM-114M provide accurate fire on targets acquired and designated by ground observers or an airborne laser target designator. The AGM-114B, AGM-114K and AGM-114M are intended for use by the United States Marine Corps (USMC) AH-1W Helicopter and by the United States Navy (USN) H-60 Armed-Helicopter Program (utilizing the HH-60H and SH-60B platforms). The AGM-114B and AGM-114K are cleared for shipboard use, and AGM-114M will be cleared in October 2000.

2. Foreign Military Sales. Sweden, Israel, and numerous other countries have procured, through the United States Army, various versions of the HMMS. Current sales of the latest versions (AGM-114K and AGM-114M) are ongoing, will be addressed in updates of this NTSP.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST

1. Development Test and Evaluation. The Development Test and Evaluation (DT&E) launch phase of the AGM-114B was conducted from May through September 1984. The DT&E on the AGM-114K was completed in Fiscal Year (FY)93 and FY94. AGM-114M will not require a DT&E because it is the same as the AGM-114K except for the warhead.

2. Operational Test. The Operational Test (OT) for the AGM-114B was conducted from November 1984 through September 1985. The AH-1W Helicopter integration OT and the AGM-114B Missile Follow-On Test and Evaluation was conducted concurrently from December 1985 through June 1986. The Office of the Secretary of Defense waived the OT requirement for the AGM-114K due to the large number of user firings during AGM-114K development. AGM-114M will not require an OT.

F. EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The Hellfire Modular Missile System does not replace any existing missiles in the Navy or Marine Corps inventory. Aircraft modifications to incorporate Hellfire capability into the AH-1W, HH-60H, and SH-60B helicopters have been completed.

G. DESCRIPTION OF NEW DEVELOPMENT. The U.S. Army is the executive service for development of the AGM-114 (series) missiles with the Navy and Marine Corps designated as participating services. The Army began development of the Hellfire Missile System in 1974. In January 1978, in order to meet Marine Corps requirements for helicopter fired laser-guided anti-tank missiles, the Department of Defense issued a standardization recommendation that led to development of the AGM-114B. The AGM-114K has completed development and is the follow-

on replacement for the AGM-114B. The AGM-114M is currently under development with anticipated deliveries commencing in FY01.

1. Functional Description. The AGM-114B and the AGM-114K are anti-armor, laser-guided, air-to-ground weapons, which use a shaped charge warhead to defeat individual targets with minimal exposure to enemy fire by the delivery helicopter. The AGM-114M version uses a Blast Fragmentation Warhead (BFW) which is designed to defeat a general class of targets represented by ships, deck mounted weapon systems, light armored vehicles and light bunkers by a combination of fragmentation and blast effects. Guidance is provided through automatic terminal homing on laser signals reflected from the laser designated targets. For this document, the Hellfire Modular Missile System consists of three configurations, the AGM-114B, AGM-114K, and AGM-114M as described in paragraph 1.a, 1.b, and 1.c.

The M-272 Guided Missile Launcher was specifically developed and designed to carry and launch the AGM-114B for the AH-1W helicopter. The M-299 Guided Missile Launcher was designed for use by the SH-60B and HH-60H helicopters to carry and launch the AGM-114B, AGM-114K, and AGM-114M.

The Navy uses the CNU-448/E aluminum container to ship both the AGM-114B and AGM-114K All-Up-Rounds (AUR). The container is used to transport repairable AURs to and from the AUR depot and the Designated Overhaul Point (DOP), place Ready for Issue (RFI) AURs in storage, or transport RFI AURs back to the fleet.

a. AGM-114B. The external configuration of the AGM-114B is the same as the AGM-114K and is fully compatible, including the launch platform and support system. Commonality in the configuration of the three missiles allows use of the same shipping containers, handling tools, test fixtures, and launchers. The individual sections of the AGM-114B are described below:

(1) Laser Seeker Section. The laser seeker acquires and tracks targets designated with laser energy by using the energy reflected from the target. The laser seeker section is packaged in two separate units; the seeker head assembly and an electronics assembly. The seeker head assembly consists of a gyro-optics assembly, dome, potted coil assembly, and the interface board, which attaches to the back of the gyro support. The gyro-optics assembly is an inertially stabilized, spinning mass, gimbaled detector assembly made up of three subassemblies: the rotor, the gimbal, and the sensor. The dome is made of injection molded optical graded polycarbonate. A purging operation is performed to remove any moisture within the seeker head by replacing the air that is present with dry nitrogen under positive pressure.

(2) Warhead Section. The warhead, a High Explosive Anti-Tank (HEAT) type, uses a shaped charge and is detonated by an electromechanical fuze. The major components of the warhead are the warhead body, including a center support ring, a liner-explosive-built subassembly, a retaining ring, a main charge pellet, a precision initiation coupler, a waveshaper, and a cover plate. The warhead provides the kill mechanism of a guided missile

designed to destroy a tank-type target. The signal to detonate the warhead is provided by a crush switch located in the seeker section.

(3) Fuze. Safing, arming, and detonating functions for the warhead are provided by the M820 fuze, a base detonating electro-mechanical device. The fuze requires the application of electrical power in conjunction with forward acceleration greater than 10 gravitational forces in order to arm.

(4) Guidance Section Group. The Guidance Section Group (GSG) consists of an autopilot electronic assembly, gyros, battery, and a gas accumulator. The GSG receives information from the laser seeker and provides commands to the control section. It also provides missile trajectory control prior to seeker lock-on during the indirect firing mode. The GSG provides electrical and pneumatic power requirements for the missile after launch.

(5) Propulsion Section. The propulsion section, including rocket motor, provides thrust to separate the missile from the launch rail, the acceleration profile necessary to arm the warhead fuze, and the impulse which enables the missile to be launched outside the target's gun defense range with minimum flight time to target. There are three different rocket motors:

- M120 reduced smoke, used with the AGM-114A. (Army version)
- M120E1 minimum smoke, which limits the exhaust signature and is used with the AGM-114C. (Army version)
- M120E2 minimum smoke, which adds a Safe Arm Device (SAD) to meet Navy shipboard safety requirements, used with the AGM-114B and AGM-114K, and will be used with AGM-114M.

(6) Control Section. The control section accepts commands from the GSG and positions control surfaces as required for missile stabilization and control.

b. AGM-114K. The external configuration of the AGM-114K is the same as the AGM-114B and is fully compatible with the basic Hellfire missile system, including the launch platform and support system. Commonality in the configuration of the three missiles allows use of the same shipping containers, handling tools, test fixtures, and launchers. Enhancements in the AGM-114K include an Electro-optical Countermeasure hardened guidance section, digital autopilot function, anti-reactive armor forward warhead, and Electronic Safe, Arm, Fire (ESAF) Device for the main and forward warheads. The AGM-114K is externally reprogrammable to accommodate threat changes or performance enhancements.

(1) Forward Warhead Section. The forward warhead has the capability of defeating explosive reactive armor employed on tanks, bunkers, and other hard point targets. State-of-the-art liner technology has been incorporated into the forward warhead.

(2) Main Warhead Section. The main warhead is a shaped charge that has precision initiation timing in tandem with the forward warhead to provide the highest level of penetration. It has the capability of defeating tanks, bunkers, and other point-armored targets.

(3) Guidance Section. The guidance functions in the AGM-114K are Airborne Data Automation (ADA) software controlled. They are reprogrammable to defeat future threats and have a modular design for alternate seeker compatibility. AGM-114K autopilot functions reside in the Guidance Electronic Group (GEG), which is located in the aft part of the main warhead section.

(4) Electronic Safe, Arm, Fire Device. The ESAF Device is a totally electronic warhead SAD, which uses digital circuitry to control exploding foil initiator, slapper-type detonators that are physically in-line with the AGM-114K warhead explosive charges. The ESAF Device consists of a main ESAF module, with an integral Warhead Firing Module (WFM) for the main warhead, connected to the WFM for the forward warhead by a cable. A 26-connector ribbon cable provides all internal electrical power and signal interface between the missile and the main ESAF module through the control interface circuit card assembly.

(5) Propulsion Section. The propulsion section of the AGM-114K is the same as the AGM-114B.

(6) Control Section. The control section is functionally and physically the same as the AGM-114B configuration, however, separate parts define the fins and control section.

c. AGM-114M. The external configuration of the AGM-114M will be the same as the AGM-114B and AGM-114K and is fully compatible with the basic Hellfire system, including the launch platform and support system. Commonality in the configuration of the three missiles allows use of the same shipping containers, handling tools, test fixtures, and launchers. The AGM-114M will be basically an AGM-114K missile with the forward warhead removed, a blast fragmentation main warhead installed in place of the shaped charged warhead, and a modified ESAF. The functions of the various sections guidance, propulsion, and control will be virtually the same. The BFW is designed to defeat a general class of targets represented by ships, deck mounted weapon systems, light armored vehicles and light bunkers by a combination of fragmentation and blast effects.

2. Physical Description. The physical characteristics of each are:

	AGM-114B	AGM-114K	AGM-114M
Length	64.0 inches	64.0 inches	64.0 inches
Diameter	7.0 inches	7.0 inches	7.0 inches
Wing Span	12.8 inches	12.8 inches	12.8 inches

	AGM-114B	AGM-114K	AGM-114M
Center of Gravity	34.34 inches (aft of the seeker nose)	34.73 inches (aft of the seeker nose)	34.86 inches (aft of the guidance section nose)
Weight	100.0 pounds	100.0 pounds	106.3 pounds
Net Explosive Weight	34.13 pounds	35.2 pounds	TBD

3. New Development Introduction. Fleet introduction for the AGM-114B was granted on the AH-1W Helicopter in June 1986, and AGM-114K fleet introduction was granted for the SH-60B and the HH-60H in November 1994. Fleet introduction for the AGM-114M is planned for FY01.

4. Significant Interfaces. The M-272 Guided Missile Launcher provides the electronic and mechanical interface between the missile and helicopter avionics. The launcher is a four-rail configuration capable of carrying and launching from one to four missiles.

5. New Features, Configurations, or Material. The M-299 Guided Missile Launcher is an improved version of the M-272. The M-299 is part of the AGM-114 (series) Missile System for the HH-60H and SH-60B helicopters. The significant improvements over the M-272 are:

- Operation with all versions of AGM-114 (series) missiles
- Reduced system weight and complexity
- Improved maintainability and configuration
- Compliance with MIL-STD-1760 interface
- Reprogrammable software
- High output power supply

The M-272 and M-299 Guided Missile Launchers are described in Integrated Logistic Support Plan (ILSP) Number ARM-078.

H. CONCEPTS

1. Operational Concept. The AGM-114B and AGM-114K Tactical Missiles are designed and AGM-114M will be designed to be launched by the AH-1W, HH-60H, and SH-60B flight crew against targets acquired and designated by ground observers or an airborne laser target designator.

2. Maintenance Concept. Maintenance of the AGM-114B and AGM-114K employed on the AH-1W, HH-60H, and SH-60B Helicopters is accomplished using the basic maintenance philosophy outlined in Office of the Chief of Naval Operations Instruction (OPNAVINST) 4790.2G, and specific weapons maintenance instructions outlined in OPNAVINST 8000. (Series).

The AGM-114B and AGM-114K missiles are, and the AGM-114M missiles will be under an organizational to depot maintenance concept with limited intermediate maintenance.

a. Organizational Level. Organizational level maintenance units receive the AGM-114B and AGM-114K as an AUR. Organizational level maintenance is performed by Work Center 230 Navy Aviation Ordnanceman (AO) personnel with Navy Enlisted Classifications (NEC) 8378 for the SH-60B, HH-60H, and SH-60F Helicopters. All SH-60B, HH-60H, and SH-60F AOs who complete D/E-646-0840 receive NEC 8378. NEC 8878 has been deleted as a result of the consolidation the SH-60B, SH-60F, and HH-60H Helicopter training, effective 1 October 1997. Due to the detachment concept of the SH-60B Helicopter community, SH-60B Helicopters are often detached to various smaller vessels (i.e., destroyers and frigates). When assigned to these ships, organizational level maintenance tasks are performed by the Light Airborne Multi Purpose System (LAMPS) squadron detachment's maintenance personnel, which consist of various ratings (including one sea duty AO). Marine Corps personnel with Military Occupational Specialties (MOS) 6511 and 6531 perform organizational level maintenance for the AH-1W. Organizational level maintenance units will receive the AGM-114M as an AUR.

The AN/AWM-92 Aircraft Weapons Circuit Test Set is used at the organizational level to functionally test the aircraft's weapons circuits prior to loading the missile. The AN/AWM-54 Firing Circuit Test Set and W-30 Igniter Adapter are used at the organizational level to perform stray voltage tests on the launcher igniter connector. The AWM-101 Hellfire Missile Test Set and the AN/USQ-131 Memory Loader Verifier Set were developed for use in organizational level maintenance on the Hellfire Modular Missile System and have been delivered to the fleet. Organizational level maintenance is primarily limited to missile inspection, uploading, and downloading, with minimum tasks as follows:

- Aircraft and weapon system inspections
- Visually inspect for damage and corrosion
- Aircraft and weapon system release and control checks
- Weapon uploading and downloading
- Weapon arming and dearming
- On-aircraft weapon test
- Discrepancy reporting
- Complying with technical directives
- Record keeping and reporting

b. Intermediate Level. Hellfire Modular Missile System intermediate level maintenance is performed at Intermediate Maintenance Activities, Weapons Departments by AO personnel with NEC 6801 and Marine Corps personnel with MOS 6541. When SH-60B Helicopters are on detachment and assigned to various smaller vessels (i.e., destroyers and frigates), the LAMPS Ordnance Handling Team performs intermediate level maintenance tasks. This Team consists of various ships' company personnel, such as Torpedomen and Sonar Technicians. Intermediate level maintenance tasks are limited to:

- Visual inspection for damage and corrosion

- Performing corrosion control procedures
- De-canning and canning AUR
- Ready service inspection
- Record keeping and reporting
- Preparing AUR for shipping or storage
- Delivering AUR to organizational level

c. Depot Level. The AGM-114B and AGM-114K missiles are, and the AGM-114M missiles will be, under an organizational to depot maintenance concept whereby when a missile fails Built-In Test (BIT) it is shipped directly to the DOP for repair. This document uses the terms as described in the OPNAVINST 8000.(Series). Anniston Army Depot, Anniston Alabama, is the depot level AUR maintenance activity for the AGM-114B and AGM-114K Tactical Missiles, and will be for the AGM-114M Tactical Missile. Depot level AUR maintenance tasks include:

- Visual inspection for damage and corrosion
- Fault isolation by AUR test to faulty section
- Repair by replacement of failed sections and external components
- Performing corrosion control procedures
- Decanning and canning of AUR
- Containerizing AUR for storage or loadout
- Technical directive implementation
- Re-certifying AUR by retest
- Record keeping and reporting
- Complete container repair

The DOP is responsible for maintenance beyond the capabilities of the depot level AUR activities, including major overhaul or complete replacement, and rebuild of sections or subassemblies required to restore defective sections and repairable Shop Replaceable Assemblies to original acceptance standards. DOP maintenance is performed on seeker, control, warhead, propulsion, and guidance section groups by Lockheed Martin Company at a facility located within the Anniston Army Depot, Alabama.

d. Interim Maintenance. The Navy Support Date (NSD) for the AGM-114B was achieved in January 1991. The NSD for the AGM-114K was achieved on 11 January 1996.

e. Life-Cycle Maintenance Plan. The Serviceable-In-Service-Time (SIST) is the length of time the AUR weapons are considered serviceable for use at operational activities. There is no SIST for the AGM-114B, AGM-114K, and AGM-114M missiles and the Service Life of the weapon is indefinite. The M-36E1 and M-36E3 Training Guided Missiles (TGM) have no SIST or Service Life requirements.

3. Manning Concept. The AGM-114B and AGM-114K have, and the AGM-114M will have, no impact on existing manpower requirements at intermediate and depot level activities.

Pilot and aircrew manpower is driven by seat factor and crew ratio. Manning for USN and USMC fleet squadrons, Fleet Readiness Squadrons (FRSs), and intermediate maintenance activities is based on the total assigned workload. Skills required to support the AGM-114B and AGM-114K are, and the AGM-114M will be, considered to be within the capability of existing NECs and MOSs.

With the advent of forward firing air-to-ground munitions in the Armed-Helicopter Program, Navy personnel in the AO rating are essential to ensure safe, effective weapons employment from H-60 squadrons. The workload for the SH-60B organizational level has increased. The LAMPS squadrons' AO billets have changed to include one E-6 billet per shore duty activity and six E-5 billets per sea duty activity. HH-60H Helicopter squadrons do not work from a detachment concept; therefore, there is no billet change required. Manpower adjustments have been approved and are reflected in the Total Force Manpower Management System and are shown in the respective HH-60H and SH-60B NTSPs.

4. Training Concept. The training concept for the AGM-114B and AGM-114K is, and for AGM-114M will be, divided into organizational and intermediate level maintenance based on Naval Ordnance Maintenance Management Program (NOMMP), OPNAVINST 8000. (Series). Organizational level training is provided to operator and maintenance personnel. Operator training is provided for HH-60H and SH-60B pilots and AH-1W pilots and Weapons System Officer personnel. Currently, Rapid Deployment training is provided by the Naval Air Technical and Engineering Service Command (NATEC) to HH-60H and SH-60B squadron personnel and is scheduled to be completed in July 1999. Organizational level maintenance training is provided to ordnance personnel in the H-60 community with NEC 8378 and to Marine Corps AH-1W community ordnance personnel with MOSs 6511 and 6531. Intermediate level training is provided to Navy AO personnel with NEC 6801; and Marine Corps Ordnance personnel with MOS 6541. Training for shipboard handlers is provided in LAMPS Aviation Ordnance Handling Course, K-050-2131. Computer-Based Training (CBT) is currently being developed for the HMMS and was delivered to the appropriate follow-on training sites March 1999 for the HH-60H and May 1999 for the SH-60B.

The established training concept for most aviation maintenance training divides "A" School courses into two or more segments called Core and Strand. The "C" School courses are also divided into separate Initial and Career training courses. "A" School Core courses include general knowledge and skills training for the particular rating, while "A" School Strand courses focus on the more specialized training requirements for that rating and a specific aircraft or equipment, based on the student's fleet activity destination. Strand training immediately follows Core training and is part of the "A" School. Upon completion of Core and Strand "A" School, graduates attend the appropriate Initial "C" School for additional specific training. Initial "C" School training is intended for students in paygrades E-4 and below. Career "C" School training is provided for E-5 and above personnel to enhance skills and knowledge within their field.

a. Initial Training. All initial training for the AGM-114B was completed at Naval Air Warfare Center Weapons Division (NAVAIRWARCENWPNDIV) Point Mugu, California. The AGM-114K initial training for HH-60H Helicopters was provided under

Engineering Change Proposal (ECP)-1109, and for SH-60B under ECP-1155 for the H-60 Armed-Helicopter Program. Developmental Test (DT) and OT instruction for operators and maintainers was completed under the auspices of Program Manager, Air (PMA)205. The DT and OT instruction for SH-60B Rapid Deployment Aircraft were completed in March 1997, followed by the Fleet introduction in November 1997. The DT and OT instruction for HH-60H were completed in July 1998, with Fleet introduction completed in August and September 1998. The DT and OT instruction for SH-60B Core were completed in August 1998, with Fleet introduction in September-October 1999. No initial training will be required for the AGM-114M.

Title	Hellfire Operational Initial Training
Description	This course provides operator training on the Hellfire Missile.
Location	As required
Length	4 days
RFT date	September 1999
TTE/TD	M-36E1 TGM/Captive Air Training Missile (CATM) and M-299 Guided Missile Launcher
Prerequisite	Orders to AGM-114K OT

Title	Hellfire Maintenance Initial Training
Description	This course provides instructor personnel with the knowledge and skills required to teach the theory and use of the Hellfire Missile.
Location	As required
Length	5 days
RFT date	September 1999
TTE/TD	M-36E1 TGM/CATM and M-299 Guided Missile Launcher
Prerequisite	Must be an instructor that requires this knowledge

Fleet instruction will complete the AGM-114K initial training, and Navy instructors from the fleet will convert the initial training to follow-on training. Follow-on training for the AGM-114K will be incorporated into existing training courses and pipelines for the HH-60H and SH-60B helicopter squadrons in second quarter FY00.

The following initial training for the HH-60H and SH-60B is now being utilized as Rapid Deployment training for squadrons' transitioning to and having Hellfire capability. This training is being instructed at locations as required for the proper transition of aircrew and maintenance personnel.

Title **HH-60H and SH-60B Aircrew Operator Training**

Description This course provides a system overview with an introduction to the Forward Looking Infrared (FLIR)/Hellfire System (FHS), Infrared (IR)/Laser theory and safety. System operation includes FLIR navigation mode, FHS designation/attack as well as mission preflight. Operational employment considerations are discussed.

Location As required

Length 5 days

RFT date Currently available

TTE/TD M-36E1 TGM/CATM and M-299 Guided Missile Launcher

Prerequisite Navy Officer Billet Code (NOBC) 8539

Title **HH-60H and SH-60B Ordnance Training**

Description This course provides an introduction to the FHS, AGM-114K release and control, missile, and support equipment configuration, AGM-114K loading and downloading procedures, Hellfire launcher, and launcher testing and troubleshooting.

Location As required

Length 5 days

RFT date Currently available

TTE/TD M-34 Dummy Air Training Missile (DATM), M-36E1 TGM/CATM, and M-299 Guided Missile Launcher

Prerequisite AO 8378

b. Follow-on Training. Follow-on training for the AGM-114B is available as part of courses taught at FRS, Naval Maintenance Training Group Detachment (NAMTRAGRU DET) Maintenance Training Unit (MTU), and Fleet Replacement Enlisted Skills Training (FREST) facilities. The AGM-114B causes no change in student throughput or chargeable student billets. Follow-on training courses have all been modified to include the AGM-114B and are currently on-line.

AGM-114B training for AH-1W Helicopter is conducted at Helicopter Marine Training Squadron (HMT)-303, Marine Corps Air Station (MCAS) Camp Pendleton, California. Marine Corps classes are scheduled 11 times per year for squadron personnel.

AGM-114K updates will be incorporated into the existing classes on an as required basis. Hellfire course curriculum information for the HH-60H courses was delivered to the appropriate FRS, NAMTRAGRU DET MTU, FREST, and Weapons Training Unit (WTU) activities following Fleet Introduction in August-September 1998. SH-60B Hellfire missile Initial Operating Capability (IOC) was completed in August 1998. The SH-60B courses will be updated after the completion of DT and OT testing on the SH-60B and delivery of initial training, which occurred in September-October 1999.

For Helicopter Anti-Submarine Squadrons (HS), follow-on Hellfire training has been incorporated into existing aircrew training at HS-10, Naval Air Station (NAS) North Island, California; and the Commander, Helicopter Anti-Submarine Wing, Atlantic WTU, NAS Jacksonville, Florida. Additionally, the Navy offers instruction for squadron AOs to teach non-ordnance squadron personnel.

For Helicopter Anti-Submarine Squadrons Light (HSL), follow-on Hellfire training will be incorporated into the existing aircrew training at HSL-40, Naval Station (NS) Mayport, Florida; and HSL-41, NAS North Island.

For Naval Reserve Helicopter Combat Support Squadrons (HCS)-4 and HCS-5, a segmented Hellfire training curriculum has been delivered.

(1) Operator Training. Pilots are trained at the appropriate FRS for specific aircraft operation. Operator skills in tactics and ordnance delivery are further enhanced through on-board proficiency training. Training Devices (TDs) required for follow-on and proficiency operator training include the TGM/CATM.

- **M-36E1 Training Guided Missile.** The M-36E1 TGM is an inert missile and training round with mass properties and external configurations representative of the AGM-114B and AGM-114K Tactical Missiles. It provides realistic captive flight simulations for training flight crews. The United States Army designated the M-36E1 as the TGM; however, it is also known as the CATM. For clarity in this document, the M-36E1 will be referred to as the TGM/CATM.

The following table lists the applicable operator training courses. The AGM-114B source material has been incorporated in these courses with minimal impact. The AGM-114B, AGM-114K, and AGM-114M will require no change in student throughput or chargeable student billets, and, therefore, these courses will not appear in Parts II and III.

COURSE NUMBER	COURSE TITLE	AGM- 114B RFT	AGM- 114K RFT
* D/E-2C-0804	SH-60F CAT IV Utility Pilot Aircrew System Familiarization	On line	Oct 99
R-050-6201	HH-60H Aircrew System/Fundamental	On line	Oct 99

COURSE NUMBER	COURSE TITLE	AGM- 114B RFT	AGM- 114K RFT
R-050-6203	HH-60H Aircrewman Weapons Tactics (Advanced)	On line	Oct 99
D/E-2C-2501	SH-60B Category I Fleet Replacement Pilot	On line	Oct 99
D/E-2C-2502	SH-60B Category II Fleet Replacement Pilot	On line	Oct 99
D/E-2C-2503	SH-60B Category III Fleet Replacement Pilot	On line	Oct 99
D/E-2C-2504	SH-60B Category IV Fleet Replacement Pilot	On line	Oct 99
D/E-2C-2506	SH-60B Fleet Replacement Squadron Instructor Training	On line	Oct 99
D/E-050-2501	SH-60B Fleet Replacement Light Airborne Multi Purpose System (LAMPS) MK III Aircrew Training Category I	On line	Oct 99
D/E-050-2502	SH-60B Fleet Replacement Aircrew Training Category II	On line	Oct 99
D/E-050-2505	SH-60B Fleet Replacement Aircrew Instructor Under Training	On line	Oct 99
D/E-050-2506	SH-60B Fleet Replacement Aircrew Category V	On line	Oct 99
None USMC	AH-IW Pilot Basic	On line	NA
None USMC	AH-1W Pilot Transition	On line	NA
None USMC	AH-IW Pilot Conversion	On line	NA
None USMC	AH-1W Pilot Refresher	On line	NA
None USMC	AH-1W Modified Refresher	On line	NA
** A-4H-0111	Surface Warfare Officer Prospective Commanding Officer	On line	Oct 99
** A-4H-0112	Surface Warfare Officer Prospective Executive Officer	On line	Oct 99
** A-4H-0107	Surface Warfare Officer Department Head	On line	Oct 99
** A-4H-0118	Surface Warfare Officer Division Officer	On line	Oct 99
** K-2G-0033	Tactical Action Officer	On line	Oct 99
** A-493-0038	Laser System Safety Officer (Category 1)	On line	Oct 99
** A-493-0067	Laser System Safety Officer (Category 2)	On line	Oct 99
** C-602-3770	Laser Safety Fundamentals	On line	Oct 99

* HH-60H Pilots also receive their training through course D/E-2C-0804.

** The courses listed will be impacted in only a nominal way.

(2) Organizational Maintenance. Organizational level maintenance personnel are trained at the appropriate MTU or FREST for specific aircraft maintenance. Weapon loading skills are further enhanced through on-board proficiency training. TDs required for follow-on and proficiency training include the TGM/CATM (described above) and the DATM.

- **M-34 Dummy Air Training Missile.** The M-34 DATM is an inert missile with mass properties and an external configuration representative of the AGM-114B, AGM-114K, and AGM-114M missiles. It is a training device to facilitate instruction and familiarization for transporting, handling, loading, and visual inspection procedures.

The Hellfire Modular Missile System is taught in Aviation Ordnanceman Common Core Class A1 school, and in the following organizational level maintenance training courses. The Hellfire Modular Missile System source material has been incorporated in these courses with minimal impact. It causes no change in student throughput or chargeable student billets, and therefore, these courses will not appear in Parts II and III.

COURSE NUMBER	COURSE TITLE	AGM-114B RFT	AGM-114K RFT	TRACK NUMBER
C-646-3346	AH-1 Navy Armament and Control Delivery System (NARCADS) Intermediate Maintenance	On line	Oct 99	M-602-5811
C-198-9351	AH-1W Tow/Hellfire Control and Display System Integrated Organizational Maintenance	On line	Oct 99	M-102-2024
C-646-9361	H-1 Armament Systems Maintenance	On line	Oct 99	NA
C-646-9407	SH-60 Armament and Related Organizational Level Maintenance	On line	Oct 99	D/E-646-0840
C-646-9408	SH-60F Conventional Weapons Loading	On line	Oct 99	NA. Stand Alone Course
C-646-9409	SH-60B Conventional Weapons Release and Control and Weapons Loading/Downloading	On line	Oct 99	NA, Stand Alone Course
C-646-9412 * See Note	SH-60 Conventional Weapons Release and Control and Weapons Loading/Downloading	TBD *	TBD *	D/E 646-0840
E-646-0842	SH-60F/HH60H Conventional Weapons Loading	On line	Oct 99	NA

COURSE NUMBER	COURSE TITLE	AGM- 114B RFT	AGM- 114K RFT	TRACK NUMBER
K-050-2131	LAMPS Aviation Ordnance Handling	On line	Oct 99	NA

* **Note:** This course will combine C-646-9408 and C-646-9409 to produce a generic H-60 AO, who can be assigned to any type SH-60 squadron. Formal delivery and availability of this training is dependent upon update of existing SH-60 Weapons Loading Manuals.

(3) Intermediate Maintenance. Intermediate maintenance training is available for Navy and Marine Corps Aviation Ordnance personnel through the appropriate NAMTRAGRU DET MTU, Fleet Training Center (FTC), and FREST activity. The Fleet Training Center (FTC) San Diego, California, has been identified as the course model manager for Hellfire capable frigate type ship's company handling and storage training. Subsequently, LAMPS Aviation Ordnance Handling Course K-050-2131 has been identified for incorporation of Hellfire Tactical Missile shipboard handling and storage training. The TD required for intermediate maintenance training is the DATM.

The following courses have been updated to include AGM-114B and AGM-114K data:

Title	Air Launched Guided Missiles Intermediate Maintenance
CIN	C-122-3111 (part of D/E-646-7007)
Model Manager...	MTU 4030 NAMTRAGRU DET Norfolk, Virginia
Description	This course provides ordnance personnel with knowledge of the Sparrow, Sidewinder, Phoenix, Sidearm, Maverick, Harpoon, Standoff Land Attack Missile, High-Speed Anti-Radiation Missile, Walleye, Tactical Air-Launched Decoy, and Air Nitrogen Purifier Units.
Location	MTU 4030 NAMTRAGRU DET, Mayport MTU 4032 NAMTRAGRU DET, Norfolk MTU 4033 NAMTRAGRU DET, North Island MTU 4035 NAMTRAGRU DET, Whidbey Island, Washington
Length	12 days
RFT date	Currently available
Skill identifier	AO 6801 awarded upon completion of track D/E-646-7007
TTE/TD	M-34 DATM
Prerequisite	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Weapons Department Strand Class A1

Title	Aviation Ordnance Intermediate Maintenance Technician
CIN	C-646-3105 (part of M-646-7026)
Model Manager ..	NAMTRAGRU DET 4034, Marine Attack Training Squadron (VMAT)-203 FREST, MCAS Cherry Point
Description	This course provides ordnance personnel with knowledge required by USMC personnel working on ordnance/armament in the Aircraft Intermediate Maintenance Department environment.
Location	VMAT-203 FREST, MCAS Cherry Point
Length	73 days
RFT date	Currently available
Skill identifier	MOS 6541 awarded upon completion of track M-646-7026
TTE/TD	M-34 DATM
Prerequisite	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

(4) Depot Level Training. Hellfire Modular Missile System depot level training was designed for personnel assigned to the DOP and consisted of advanced intermediate level maintenance and depot level maintenance courses. The prime contractor of the AGM-114B and AGM-114K taught these courses.

(5) Explosive Ordnance Disposal Training. Explosive Ordnance Disposal Training is conducted at Naval Explosive Ordnance Disposal School Eglin Air Force Base (AFB), Florida. The TDs required for EOD training are the PEST and the Classroom Explosive System Trainer (CEST):

- **Practical Explosive Ordnance Disposal System Trainer.** The PEST is a full-scale model fabricated from actual hardware, having approximately the same weight and center of gravity as the tactical missile. The PEST is used for teaching Rendering Safe Procedure.
- **Classroom Explosive System Trainer.** The CEST is an inert cutaway model displaying locations and types of explosive and hazardous materials, initiators, igniters, and fuze.

The following table lists the applicable EOD training courses. The Hellfire Modular Missile System source material will be incorporated in these courses with minimal impact. This will cause no change in student throughput or chargeable student billets

EXPLOSIVE ORDNANCE DISPOSAL COURSES		
COURSE NUMBER	COURSE TITLE	RFT DATE
A-431-0011	Explosive Ordnance Disposal (EOD) Phase II (Navy)	On-line
A-431-0012	Explosive Ordnance Disposal (EOD) Phase II	On-line
G-431-0001	EOD Pre-deployment Team Training	On-line

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AO 6801	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2013, Aviation Ordnanceman Weapons Department Strand Class A1
MOS 6541	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

d. Training Pipelines. The following training tracks apply and are available in OPNAV Aviation Training Management System (OATMS):

TRACK NUMBER	TRACK TITLE
D/E-646-7007	General Shipboard/NAS Weapons Department Aviation Ordnance Maintenance
M-646-7026	Aviation Ordnance Technician Intermediate Maintenance

I. ON-BOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development. Pilot, Weapons System Operator, and Aviation Tactical Officer weapons proficiency training is accomplished in three steps: Academic, Simulator, and Captive Carry:

- **Academic.** Aircrews receive academic training within their respective squadrons from the weapon subject matter expert. Selected squadron aircrew receive additional classroom weapon training from HS-1 NAS Jacksonville and HS-10 NAS North Island.

- **Simulator.** The appropriate weapon tactical trainer is set up by the squadron for the aircrew to gain required proficiency prior to captive carry of the selected weapons.
- **Captive Carry.** The selected training weapons are loaded on an aircraft at which time the aircrew will gain proficiency and final qualification on the selected weapons.

a. Maintenance Training Improvement Program. The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a bank of test questions managed through automated data processing. The Deputy Chief of Staff for Training assisted in development of MTIP by providing those question banks (software) already developed by the Navy. MTIP was implemented per OPNAVINST 4790.2 series. MTIP allows increased effectiveness in the application of training resources through identification of skills and knowledge deficiencies at the activity, work center, or individual technician level. Refresher training is concentrated where needed to improve identified skill and knowledge shortfalls. MTIP will be replaced by the Aviation Maintenance Training Continuum System (AMTCS). Current planning is for AMTCS to begin full implementation for fleet deployment on 01 October 2000.

COMNAVAIRPAC has discontinued using MTIP. They are currently using maintenance data products as a source to determine maintenance training deficiencies until AMTCS is implemented.

b. Aviation Maintenance Training Continuum System. AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS is planned to be an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the Chief of Naval Operations (CNO) mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Computer-Based Training (CBT) for the technicians in the Fleet in the form of ICW with Computer Managed Instruction (CMI) and Computer Aided Instruction (CAI) for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module (ASM) which provides testing [Test and Evaluation (TEV)], recording [Electronic Training Jacket (ETJ)], and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List (MTL) data bank. These tools are procured and fielded with appropriate COTS hardware and software, i.e. Fleet Training Devices (FTD) - Laptops, PCs, Electronic Classrooms (ECR), Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N889H), AMTCS is to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

2. Personnel Qualification Standards. OPNAVINST 8023.2C outlines requirements for Personnel Qualification Standard (PQS), NAVEDTRA 43202 series. All personnel who handle Non-nuclear Explosive Ordnance (Shipboard Handling and Stowage) require this PQS.

3. Other On-Board or Inservice Training Packages. The Conventional Weapons Technical Proficiency Inspection (CWTPI) is a graded inspection administered every 24 months by Commander Helicopter Squadron Wings Atlantic NAS Jacksonville, Florida, and Commander Helicopter Squadron Wings Pacific NAS North Island. A five-day training course is provided by MTU 1066 NAMTRAGRU DET NS Mayport and MTU 1067 NAMTRAGRU DET NAS North Island prior to the actual CWTPI. The inspection evaluates a squadron's ability to correctly wire-check, upload and download conventional ordnance. The CWTPI determines the need for further conventional weapons load training of squadron AO personnel and weapons loading team members.

Marine Corps on-board training is based on the current series of Marine Corps Order (MCO) P4790.12, Individual Training Standards System MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2G, maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be addressed with remedial training.

Headquarters, Marine Corps, schedules the USMC activities yearly for Marine Corps Combat Readiness Evaluation. Marine Corps activities participate in war exercises and are evaluated. Training is an on-going Marine Corps evolution that culminates with the Combat Readiness Evaluation. The evaluation determines the need for further conventional weapons load training of squadron personnel.

The United States Navy Explosive Safety Policies, Requirements, and Procedures (Department of the Navy Explosives Safety Policy Manual) OPNAVINST 8023.2 (Series), promulgates the Explosives Handling Personnel Qualification and Certification program. The Explosives Handling Personnel Qualification and Certification program is designed to ensure that all Navy, Marine Corps, and civilians required to handle explosives or explosive devices are fully trained and qualified to perform all functions and task safety

J. LOGISTICS SUPPORT

1. Manufacturers. Approval for full-scale production of the Hellfire Tactical Missiles was granted in 1986, and production of the AGM-114B is complete. All deliveries were made on a dual source contract with Rockwell International, Tactical Systems Division, Duluth, Georgia, and Hellfire Missile Systems Limited Liability Company, Orlando, Florida. The AGM-114K missile is in production and is the follow-on replacement for the AGM-114B. Approval for full-scale production has been granted on sole-source procurement from Martin Marietta Missile Systems, Orlando, Florida. First deliveries began in November 1994.

CONTRACT NUMBER	MANUFACTURER	ADDRESS
DAAA01-90-C-0323	Lockheed Martin Inc.	Lockheed Martin, Inc. 5600 West Sandlake Road Orlando, FL 32819-8907

2. Program Documentation. The ILSP, Hellfire Modular Missile System AGM-114B and AGM-114K (MS-067 Revision C of August 1994), was approved and distributed in 1994.

3. Technical Data Plan. Applicable information from existing Army technical manuals was used as source data for development of Navy technical manuals. Technical manuals and source data manuals for the Navy are listed in part IV.B.3.

4. Special Test Sets, Tools, and Test Equipment. The AN/AWM-92 or the AN/AWM-101 Release and Control Set is required for organizational level training equipment.

5. Repair Parts. Supply support of Navy peculiar parts for the missile is provided through the Ships Parts Control Center, Mechanicsburg, Pennsylvania. Principal item spares procured are through United States Army Missile Command and are stocked at the DOP. Supply support for the launcher is available through the Naval Inventory Control Point.

6. Contractor Engineering and Technical Services. Rockwell International provided Contractor Engineering and Technical Services (CETS) during the transition period. CETS included two persons, one at former Naval Weapons Station (NWS) Seal Beach, California, and one at former NWS Yorktown, Virginia, and was conducted during 1987.

7. Human Systems Integration. Not Applicable (NA)

K. SCHEDULES

1. Schedule of Events

a. Installation/Delivery Schedule for the Hellfire Modular Missile System.

Delivery of the AGM-114B is complete. Fleet release of the AGM-114K began during third quarter FY96. The H-60 Armed-Helicopter Program (Phase II) began fleet installation of the Hellfire Modular Missile System on HH-60H helicopters in March 1999 after completing DT and OT under ECP-1109. Installation of the Hellfire Modular Missile System on SH-60B Helicopters occurred in late FY99 as part of Phase III of the H-60 Armed-Helicopter Program. The AGM-114M deliveries will begin in March 2000.

b. Ready for Operational Use. The Ready for Operational Use (RFOU) date for the AGM-114B was August 1986. The AGM-114K RFOU date was fourth quarter FY97. The RFOU date for AGM-114M is March 2000.

c. Time Require to Install at Operational Sites. NA

d. Foreign Military Sales. Sweden, Israel, and numerous other countries have procured, through the United States Army, various versions of the HMMS. Current sales of the latest versions (AGM-114K and AGM-114M) are ongoing, will be addressed in updates of this NTSP.

e. Training Device and Technical Training Equipment Delivery Schedule

(1) Practical Explosive Ordnance Disposal System Trainer. Three Hellfire PEST trainers were transferred from the U.S. Army to Naval Surface Warfare Center Indian Head in May 1986.

(2) Training Device and Delivery Schedule. Originally, forty-five M-36E1 TGM/CATMs were delivered to the USMC in support of AH-1W training as part of the AGM-114B procurement. Six M-36E1s were procured under ECP-1109, and they are allocated to support the HH-60H Hellfire Integration Program. Ten additional assets were procured by the Program Executive Office, Tactical Aircraft (PEO(T)) PMA242 to support an inventory increase for the Marine Corps for support of AH-1W AGM-114B training. After the completion of DT and OT the six M-36E1 TGM/CATM procured under ECP-1109 were distributed to the appropriate training activities by the Assistant Program Manager for Logistics for the Hellfire Modular Missile System. During Phase III of the H-60 Armed-Helicopter Program, it will be necessary to procure additional assets to support SH-60B Hellfire missile training. Element IV.A.2 of this NTSP contains information on locations of Training Devices. Current asset status and location can be obtained from the Conventional Ammunition Integrated Management System (CAIMS).

L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
Hellfire ILSP	MS-067	AIR-290	Approved 12 November 1982 Rev. C, August 1994
Hellfire Phased Support Plan	MS-067	AIR 3.1.1	Approved May 1991 Rev. A, April 1996
M272 Launcher Operational Logistics Support Plan	ARM-078	AIR 3.1.1	Approved October 1988
M272 Launcher ILSP	ARM-078	AIR 3.1.1	Approved February 1984 Rev. A, January 1986
AH-1W Aircraft NTSP	A-50-8520D/A	PMA276	Approved March 1996
SH-60B LAMPS MK-III Part B Aircraft Subsystems NTSP	A-50-7702D/P	PMA299	Approved November 1994
HH-60H Combat SAR Special Warfare NTSP	A-50-8714B/A	PMA299	Approved December 1993

PART II – BILLETS AND PERSONNEL REQUIREMENTS

The following elements are not affected by the AGM-114 HMMS and, therefore, are not included in Part II of this NTSP:

II.A. Billet Requirements

II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule

II.A.2.b. Billets to be Deleted in Operational and Fleet Support Activities

II.A.2.c. Total Billets to be Deleted in operational and Fleet Support Activities

Note: Part II of this AGM-114 HMMS NTSP is presented by NEC and MOS for ease of understanding. It was developed to establish the total intermediate level maintenance manpower and training requirements for the aviation ordnance community. The requirement is to train ordnance personnel in the USN and USMC to receive an NEC or MOS to fill a billet, not to support a single system. The following sections are a compilation of one intermediate level NEC and one intermediate level MOS with associated billets. The addition of the AGM-114 HMMS to the intermediate level workload is only a small percentage of the required workload for that MOS or NEC. The NEC or MOS is not unique to the AGM-114 HMMS and, therefore, the total training requirements will remain the same.

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN: Total Force Manpower Management System **DATE:** 4/19/99
 USMC: Extract from Table of Manpower Requirements, TFS, MCCDC **DATE:** 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITIES - NAVY							
VFA-106, NAS Oceana	09679	1	0	0	0	0	0
VAQ-129, NAS Whidbey	09995	1	0	0	0	0	0
VFA-125, NAS Lemoore	09485	1	0	0	0	0	0
TOTAL:		3	0	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
HMH-461, MCAS New River	09582	1	0	0	0	0	0
HMH-464, MCAS New River	53935	1	0	0	0	0	0
HMH-772, JRB Willow Grove	09490	1	0	0	0	0	0
HMLA-167, MCAS New River	09898	1	0	0	0	0	0
HMLA-269, MCAS New River	08998	1	0	0	0	0	0
HMLA-773, NAS Atlanta	09431	1	0	0	0	0	0
HMLA-775 DET A, NAS New Orleans	09415	1	0	0	0	0	0
HMLA-775, MCAS Camp Pendleton	55252	1	0	0	0	0	0
HMM-162, MCAS New River	09492	1	0	0	0	0	0
HMM-261, MCAS New River	09441	1	0	0	0	0	0
HMM-263, MCAS New River	09445	1	0	0	0	0	0
HMM-264, MCAS New River	09374	1	0	0	0	0	0
HMM-266, MCAS New River	53972	1	0	0	0	0	0
HMM-365, MCAS New River	53923	1	0	0	0	0	0
HMM-774, NS Norfolk	09430	1	0	0	0	0	0
HMT-303, MCAS Camp Pendleton	55176	1	0	0	0	0	0
MALS Augment, MCAS Beaufort	67863	1	0	0	0	0	0
MAWTS-1, MCAS Yuma	55167	1	0	0	0	0	0
VMA-223, MCAS Cherry Point	09438	1	0	0	0	0	0
VMA-231, MCAS Cherry Point	52948	1	0	0	0	0	0
VMA-542, MCAS Cherry Point	52847	1	0	0	0	0	0
VMAQ-1, MCAS Cherry Point	41345	1	0	0	0	0	0
VMAQ-2, MCAS Cherry Point	42362	1	0	0	0	0	0
VMAQ-3, MCAS Cherry Point	42363	1	0	0	0	0	0
VMAQ-4, MCAS Cherry Point	67837	1	0	0	0	0	0
VMAT-203, MCAS Cherry Point	45483	1	0	0	0	0	0
VMFA(AW)-224, MCAS Beaufort	09439	1	0	0	0	0	0
VMFA(AW)-332, MCAS Beaufort	09501	1	0	0	0	0	0
VMFA(AW)-553, MCAS Beaufort	09193	1	0	0	0	0	0
VMFA-115, MCAS Beaufort	09234	1	0	0	0	0	0
VMFA-122, MCAS Beaufort	09407	1	0	0	0	0	0
VMFA-142, NAS Jacksonville	08966	1	0	0	0	0	0
VMFA-251, MCAS Beaufort	09241	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN: Total Force Manpower Management System

USMC: Extract from Table of Manpower Requirements, TFS, MCCDC

DATE: 4/19/99

DATE: 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
VMFA-312, MCAS Beaufort	09253	1	0	0	0	0	0
VMFA-321, Andrews AFB	09265	1	0	0	0	0	0
HMH-361, MCAS Miramar	09446	1	0	0	0	0	0
HMH-362, MCB Hawaii	09495	1	0	0	0	0	0
HMH-363, MCB Hawaii	09496	1	0	0	0	0	0
HMH-366, MCB Hawaii	55650	1	0	0	0	0	0
HMH-462, MCAS Miramar	09349	1	0	0	0	0	0
HMH-463, MCB Hawaii	09010	1	0	0	0	0	0
HMH-465, MCAS Miramar	53936	1	0	0	0	0	0
HMH-466, MCAS Miramar	53998	1	0	0	0	0	0
HMH-769, Edwards AFB	09487	1	0	0	0	0	0
HMLA-169, MCAS Camp Pendleton	09202	1	0	0	0	0	0
HMLA-267, MCAS Camp Pendleton	09159	1	0	0	0	0	0
HMLA-367, MCAS Camp Pendleton	09079	1	0	0	0	0	0
HMLA-369, MCAS Camp Pendleton	09361	1	0	0	0	0	0
HMM-161, MCAS Miramar	09440	1	0	0	0	0	0
HMM-163, MCAS Miramar	09405	1	0	0	0	0	0
HMM-164, MCAS Miramar	09408	1	0	0	0	0	0
HMM-165, MCAS Miramar	09343	1	0	0	0	0	0
HMM-166, MCAS Miramar	53973	1	0	0	0	0	0
HMM-262, MCAS Okinawa	09442	1	0	0	0	0	0
HMM-265, MCAS Okinawa	09404	1	0	0	0	0	0
HMM-268, MCAS Camp Pendleton	52790	1	0	0	0	0	0
HMM-364, MCAS Camp Pendleton	09793	1	0	0	0	0	0
HMM-764, Edwards AFB	09402	1	0	0	0	0	0
MALS Augment, MCAS Miramar	09111	1	0	0	0	0	0
MALS Augment, MCAS Miramar	09116	1	0	0	0	0	0
VMA-211, MCAS Yuma	09412	1	0	0	0	0	0
VMA-214, MCAS Yuma	09436	1	0	0	0	0	0
VMA-311, MCAS Yuma	09416	1	0	0	0	0	0
VMA-513, MCAS Yuma	09231	1	0	0	0	0	0
VMFA(AW)-121, MCAS Miramar	09257	1	0	0	0	0	0
VMFA(AW)-225, MCAS Miramar	09232	1	0	0	0	0	0
VMFA(AW)-242, MCAS Miramar	09668	1	0	0	0	0	0
VMFA-112, JRB Fort Worth	08954	1	0	0	0	0	0
VMFA-134, MCAS Miramar	09365	1	0	0	0	0	0
VMFA-212, MCAS Iwakuni	09434	1	0	0	0	0	0
VMFA-232, MCAS Miramar	09242	1	0	0	0	0	0
VMFA-314, MCAS Miramar	09230	1	0	0	0	0	0
VMFA-323, MCAS Miramar	09235	1	0	0	0	0	0
VMFAT-101, MCAS Miramar	09965	1	0	0	0	0	0
TOTAL:		74	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY							
AFLOATRAGRU Norfolk CSTG	49085	1	0	0	0	0	0
COMNAVAIRLANT	57012	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN: Total Force Manpower Management System

USMC: Extract from Table of Manpower Requirements, TFS, MCCDC

DATE: 4/19/99

DATE: 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
COMSTKFITWINGLANT Det, MCAS Beaufort	3006A	1	0	0	0	0	0
CV 67 USS John F. Kennedy	03367	1	0	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0	0
CVN 69 USS Dwight D. Eisenhower	03369	1	0	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	1	0	0	0	0	0
CVN 73 USS George Washington	21412	1	0	0	0	0	0
CVN 75 USS Harry S. Truman	21853	1	0	0	0	0	0
FASOTRAGRULANT	09810	1	0	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0	0
MCS 12 USS Inchon	20009	1	0	0	0	0	0
NAF Mildenhall	57032	1	0	0	0	0	0
NAS Brunswick	60087	1	0	0	0	0	0
NAS Cecil Field	60200	1	0	0	0	0	0
NAS Keflavik	63032	1	0	0	0	0	0
NAS Oceana	60191	1	0	0	0	0	0
NATMSACT Kingsville	49149	1	0	0	0	0	0
NAVAIRWP-MAINTUN	52821	1	0	0	0	0	0
NAVSTKAIR TESTRON	39783	1	0	0	0	0	0
Ordnance Det Oceana	31279	1	0	0	0	0	0
SURFLANT AVORD/MTT Norfolk	48764	1	0	0	0	0	0
COMFLTACT Okinawa	62254	1	0	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV 64 USS Constellation	03364	1	0	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0	0
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0	0
LHD 6 USS Bonhomme Richard	22202	1	0	0	0	0	0
LHD 7 USS Iwo Jima	23027	0	0	0	0	1	0
NAF El Centro	60042	1	0	0	0	0	0
NAS Lemoore	63042	1	0	0	0	0	0
NAS Point Mugu	0429A	1	0	0	0	0	0
NAWCWD Point Mugu	63126	1	0	0	0	0	0
TOTAL:		43	0	0	0	1	0
 FLEET SUPPORT ACTIVITIES - USMC							
2nd MAW, MCAS Cherry Point	57080	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN: Total Force Manpower Management System

USMC: Extract from Table of Manpower Requirements, TFS, MCCDC

DATE: 4/19/99

DATE: 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
4th MAW, NAS New Orleans	67021	1	0	0	0	0	0
Blount Island, NAS Jacksonville	32264	1	0	0	0	0	0
H&HS, MCAS Beaufort	04017	1	0	0	0	0	0
H&HS, MCAS Cherry Point	09037	1	0	0	0	0	0
H&HS, MCAS New River	02021	1	0	0	0	0	0
MALS-14, MCAS Cherry Point	09114	1	0	0	0	0	0
MALS-26, MCAS New River	09167	1	0	0	0	0	0
MALS-29, MCAS New River	52841	1	0	0	0	0	0
MALS-31, MCAS Beaufort	09131	1	0	0	0	0	0
MALS-42, JRB Marietta Georgia	09513	1	0	0	0	0	0
MALS-49, JRB Stewart New York	55555	1	0	0	0	0	0
MASD, Andrews AFB	65027	1	0	0	0	0	0
1st MAW, MCAS Okinawa	57079	1	0	0	0	0	0
3rd MAW, MCAS Miramar	00300	1	0	0	0	0	0
H&HS, MCAS Camp Pendleton	27604	1	0	0	0	0	0
H&HS, MCAS Futenma	63026	1	0	0	0	0	0
H&HS, MCAS Iwakuni	52991	1	0	0	0	0	0
H&HS, MCAS Miramar	31200	1	0	0	0	0	0
H&HS, MCAS Yuma	62974	1	0	0	0	0	0
MAD China Lake	67852	1	0	0	0	0	0
MALS-11, MCAS Miramar	09111	1	0	0	0	0	0
MALS-12, MCAS Iwakuni	09112	1	0	0	0	0	0
MALS-13, MCAS Yuma	57082	1	0	0	0	0	0
MALS-16, MCAS Miramar	55583	1	0	0	0	0	0
MALS-36, MCAS Okinawa	09136	1	0	0	0	0	0
MALS-39, MCAS Camp Pendleton	09808	1	0	0	0	0	0
MALS-41, JRB Fort Worth	08944	1	0	0	0	0	0
MALS-46, MCAS Miramar	09376	1	0	0	0	0	0
MALSE, MCAS Kaneohe	31947	1	0	0	0	0	0
MCAF, MCAS Kaneohe	31498	1	0	0	0	0	0
TOTAL:		31	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF ENL		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - USMC					
HMH-461, MCAS New River, 09582					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-464, MCAS New River, 53935					
USMC	0	6		6541	

ACTIVITY TOTAL:	0	6	
HMH-772, JRB Willow Grove, 09490			
USMC	0	2	6541
ACTIVITY TOTAL:	0	2	
HMLA-167, MCAS New River, 09898			
USMC	0	18	6541
ACTIVITY TOTAL:	0	18	
HMLA-269, MCAS New River, 08998			
USMC	0	18	6541
ACTIVITY TOTAL:	0	18	
HMLA-773, NAS Atlanta, 09431			
USMC	0	4	6541
AR	0	8	6541
ACTIVITY TOTAL:	0	12	
HMLA-775 DET A, NAS New Orleans, 09415			
USMC	0	2	6541
AR	0	4	6541
ACTIVITY TOTAL:	0	6	
HMLA-775, MCAS Camp Pendleton, 55252			
USMC	0	4	6541
AR	0	8	6541
ACTIVITY TOTAL:	0	12	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
HMM-162, MCAS New River, 09492 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-261, MCAS New River, 09441 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-263, MCAS New River, 09445 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-264, MCAS New River, 09374 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-266, MCAS New River, 53972 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-365, MCAS New River, 53923 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-774, NS Norfolk, 09430 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMT-303, MCAS Camp Pendleton, 55176 USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
MALS Augment, MCAS Beaufort, 67863 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
MAWTS-1, MCAS Yuma, 55167 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
VFA-106, NAS Oceana, 09679 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMA-223, MCAS Cherry Point, 09438 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-231, MCAS Cherry Point, 52948 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-542, MCAS Cherry Point, 52847 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMAQ-1, MCAS Cherry Point, 41345 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-2, MCAS Cherry Point, 42362 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-3, MCAS Cherry Point, 42363 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-4, MCAS Cherry Point, 67837 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VMAT-203, MCAS Cherry Point, 45483 USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
VMFA(AW)-224, MCAS Beaufort, 09439					
USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-332, MCAS Beaufort, 09501 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-553, MCAS Beaufort, 09193 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA-115, MCAS Beaufort, 09234 USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-122, MCAS Beaufort, 09407 USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-142, NAS Jacksonville, 08966 USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
VMFA-251, MCAS Beaufort, 09241 USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-312, MCAS Beaufort, 09253 USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VMFA-321, Andrews AFB, 09265					
USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
HMH-361, MCAS Miramar, 09446					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-362, MCB Hawaii, 09495					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-363, MCB Hawaii, 09496					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-366, MCB Hawaii, 55650					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-462, MCAS Miramar, 09349					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-463, MCB Hawaii, 09010					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-465, MCAS Miramar, 53936					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-466, MCAS Miramar, 53998					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF ENL		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMH-769, Edwards AFB, 09487 AR	0	1		6541	
ACTIVITY TOTAL:	0	1			
HMLA-169, MCAS Camp Pendleton, 09202 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-267, MCAS Camp Pendleton, 09159 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-367, MCAS Camp Pendleton, 09079 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-369, MCAS Camp Pendleton, 09361 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMM-161, MCAS Miramar, 09440 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-163, MCAS Miramar, 09405 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-164, MCAS Miramar, 09408 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-165, MCAS Miramar, 09343 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
HMM-166, MCAS Miramar, 53973 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-262, MCAS Okinawa, 09442 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-265, MCAS Okinawa, 09404 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-268, MCAS Camp Pendleton, 52790 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-364, MCAS Camp Pendleton, 09793 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-764, Edwards AFB, 09402 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
MALS Augment, MCAS Miramar, 09116 USMC	0	4		6541	
	0	5		6541	
ACTIVITY TOTAL:	0	9			
VAQ-129, NAS Whidbey, 09995 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VFA-125, NAS Lemoore, 09485 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF ENL		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMA-211, MCAS Yuma, 09412 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-214, MCAS Yuma, 09436 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-311, MCAS Yuma, 09416 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-513, MCAS Yuma, 09231 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMFA(AW)-121, MCAS Miramar, 09257 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-225, MCAS Miramar, 09232 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-242, MCAS Miramar, 09668 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA-112, JRB Fort Worth, 08954 USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
VMFA-134, MCAS Miramar, 09365 USMC	0	7		6541	
AR	0	3		6541	
ACTIVITY TOTAL:	0	10			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VMFA-212, MCAS Iwakuni, 09434					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-232, MCAS Miramar, 09242					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-314, MCAS Miramar, 09230					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-323, MCAS Miramar, 09235					
AR	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFAT-101, MCAS Miramar, 09965					
USMC	0	9		6541	
ACTIVITY TOTAL:	0	9			
FLEET SUPPORT ACTIVITIES - NAVY					
AFLOATRAGRU Norfolk CSTG, 49085					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
COMNAVAIRLANT, 57012					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
COMSTKFITWINGLANT Det, MCAS Beaufort, 3006A					
ACDU	0	16		6801	
ACTIVITY TOTAL:	0	16			
CV 67 USS John F. Kennedy, 03367					
ACDU	0	11		6801	
TAR	0	1		6801	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
CVN 65 USS Enterprise, 03365					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 69 USS Dwight D. Eisenhower, 03369					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 71 USS Theodore Roosevelt, 21247					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 73 USS George Washington, 21412					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 75 USS Harry S. Truman, 21853					
ACDU	0	10		6801	
ACTIVITY TOTAL:	0	10			
FASOTRAGRULANT, 09810					
ACDU	0	2		6801	9502
ACTIVITY TOTAL:	0	2			
LHA 2 USS Saipan, 20632					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 4 USS Nassau, 20725					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 1 USS Wasp, 21560					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OFF	ENL				
LHD 3 USS Kearsarge, 21700					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 5 USS Bataan, 21879					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
MCS 12 USS Inchon, 20009					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
NAF Mildenhall, 57032					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
NAS Brunswick, 60087					
ACDU	0	8		6801	
	0	1		6810	6801
ACTIVITY TOTAL:	0	9			
NAS Cecil Field, 60200					
ACDU	0	23		6801	
ACTIVITY TOTAL:	0	23			
NAS Keflavik, 63032					
ACDU	0	3		6801	
	0	1		6810	6801
	0	1		0812	6801
ACTIVITY TOTAL:	0	5			
NAS Oceana, 60191					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			
NATMSACT Kingsville, 49149					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF ENL		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAVAIRWP-MAINTUN, 52821					
ACDU	0	23		6801	
ACTIVITY TOTAL:	0	23			
NAVSTKAIR TESTRON, 39783					
ACDU	0	12		6801	
	0	2		6801	8845
	0	1		6801	9590
ACTIVITY TOTAL:	0	15			
Ordnance Det Oceana, 31279					
ACDU	0	33		6801	
ACTIVITY TOTAL:	0	33			
SURFLANT AVORD/MTT Norfolk, 48764					
ACDU	0	5		6801	
ACTIVITY TOTAL:	0	5			
COMFLTACT Okinawa, 62254					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
CV 63 USS Kitty Hawk, 03363					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CV 64 USS Constellation, 03364					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 68 USS Nimitz, 03368					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 70 USS Carl Vinson, 20993					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
CVN 72 USS Abraham Lincoln, 21297					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 74 USS John C. Stennis, 21847					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
LHA 1 USS Tarawa, 20550					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 3 USS Belleau Wood, 20633					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 5 USS Peleliu, 20748					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 2 USS Essex, 21533					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 4 USS Boxer, 21808					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 6 USS Bonhomme Richard, 22202					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 7 USS Iwo Jima, 23027, FY03 Increment					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAF El Centro, 60042					
ACDU	0	7		6801	
ACTIVITY TOTAL:	0	7			
NAS Lemoore, 63042					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			
NAS Point Mugu, 0429A					
ACDU	0	18		6801	
	0	1		8345	6801
ACTIVITY TOTAL:	0	19			
NAWCWD Point Mugu, 63126					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
FLEET SUPPORT ACTIVITIES - USMC					
2nd MAW, MCAS Cherry Point, 57080					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
4th MAW, NAS New Orleans, 67021					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
Blount Island, NAS Jacksonville, 32264					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
H&HS, MCAS Beaufort, 04017					
USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
H&HS, MCAS Cherry Point, 09037					
USMC	0	17		6541	
ACTIVITY TOTAL:	0	17			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OFF	ENL				
H&HS, MCAS New River, 02021					
USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
MALS-14, MCAS Cherry Point, 09114					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-26, MCAS New River, 09167					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-29, MCAS New River, 52841					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-31, MCAS Beaufort, 09131					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-42, JRB Marietta Georgia, 09513					
USMC	0	2		6541	
AR	0	10		6541	
ACTIVITY TOTAL:	0	12			
MALS-49, JRB Stewart New York, 55555					
USMC	0	4		6541	
AR	0	8		6541	
ACTIVITY TOTAL:	0	12			
MASD, Andrews AFB, 65027					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
1st MAW, MCAS Okinawa, 57079 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
3rd MAW, MCAS Miramar, 00300 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
H&HS, MCAS Camp Pendleton, 27604 USMC	0	9		6541	
ACTIVITY TOTAL:	0	9			
H&HS, MCAS Futenma, 63026 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
H&HS, MCAS Iwakuni, 52991 USMC	0	7		6541	
ACTIVITY TOTAL:	0	7			
H&HS, MCAS Miramar, 31200 USMC	0	8		6541	
ACTIVITY TOTAL:	0	8			
H&HS, MCAS Yuma, 62974 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
MAD China Lake, 67852 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
MALS-11, MCAS Miramar, 09111 USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
MALS-12, MCAS Iwakuni, 09112					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-13, MCAS Yuma, 57082					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-16, MCAS Miramar, 55583					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-36, MCAS Okinawa, 09136					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-39, MCAS Camp Pendleton, 09808					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-41, JRB Fort Worth, 08944					
USMC	0	5		6541	
AR	0	39		6541	
ACTIVITY TOTAL:	0	44			
MALS-46, MCAS Miramar, 09376					
USMC	0	2		6541	
AR	0	42		6541	
ACTIVITY TOTAL:	0	44			
MALSE, MCAS Kaneohe, 31947					
USMC	0	4		6541	
ACTIVITY TOTAL:	0	4			
MCAF, MCAS Kaneohe, 31498					
USMC	0	7		6541	
ACTIVITY TOTAL:	0	7			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF ENL	CFY00 OFF ENL	FY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL
NAVY OPERATIONAL ACTIVITIES - USMC							
6541		3	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - USMC							
6541		480	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - AR							
6541		55	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - ACDU							
6801		317	0	0	0	3	0
6801	8845	2	0	0	0	0	0
6801	9502	2	0	0	0	0	0
6801	9590	1	0	0	0	0	0
6810	6801	2	0	0	0	0	0
0812	6801	1	0	0	0	0	0
8345	6801	1	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - TAR							
6801		1	0	0	0	0	0
USMC FLEET SUPPORT ACTIVITIES - USMC							
6541		383	0	0	0	0	0
USMC FLEET SUPPORT ACTIVITIES - AR							
6541		99	0	0	0	0	0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SUMMARY TOTALS:													
NAVY OPERATIONAL ACTIVITIES - USMC													
	3			0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - USMC													
	480			0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - AR													
	55			0		0		0		0		0	
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
	326			0		0		0		3		0	
NAVY FLEET SUPPORT ACTIVITIES - TAR													
	1			0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
	383			0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - AR													
	99			0		0		0		0		0	
GRAND TOTALS:													
NAVY - ACDU													
	326			0		0		0		3		0	
NAVY - TAR													
	1			0		0		0		0		0	
NAVY - USMC													
	3			0		0		0		0		0	
USMC - USMC													
	863			0		0		0		0		0	
USMC - AR													
	154			0		0		0		0		0	

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL		

TRAINING ACTIVITY, LOCATION, UIC: MTU 4030 NAMTRAGRU DET, NS Mayport, 39470

INSTRUCTOR BILLETS

ACDU	6801	9502	0	3	0	3	0	3	0	3	0	3	0	3
TOTAL:			0	3	0	3	0	3	0	3	0	3	0	3

TRAINING ACTIVITY, LOCATION, UIC: MTU 4032 NAMTRAGRU DET, Norfolk, 66046

INSTRUCTOR BILLETS

ACDU	6801	9502	0	4	0	4	0	4	0	4	0	4	0	4
TOTAL:			0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: MTU 4033 NAMTRADRU DET, North Island, 66065

INSTRUCTOR BILLETS

ACDU	6801	9502	0	4	0	4	0	4	0	4	0	4	0	4
TOTAL:			0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: MTU 4035 NAMTRAGRU DET, Whidbey Island, 66058

INSTRUCTOR BILLETS

ACDU	6801	9502	0	5	0	5	0	5	0	5	0	5	0	5
TOTAL:			0	5	0	5	0	5	0	5	0	5	0	5

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL		

TRAINING ACTIVITY, LOCATION, UIC: VMAT 203 FREST, MCAS Cherry Point, 45483

INSTRUCTOR BILLETS

ACDU	6801	9502	0	1	0	1	0	1	0	1	0	1	0	1
USMC	6541		0	23	0	23	0	23	0	23	0	23	0	23
TOTAL:			0	24	0	24	0	24	0	24	0	24	0	24

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs OFF ENL	CFY00 OFF ENL	FY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL
MTU 4030 NAMTRAGRU DET, NS Mayport, 39470	NAVY	2.5	2.5	2.5	2.5	2.5	2.5
MTU 4032 NAMTRAGRU DET, Norfolk, 66046	NAVY	6.6	6.6	6.6	6.6	6.6	6.6
MTU 4033 NAMTRADRU DET, North Island, 66065	NAVY	3.8	2.5	2.5	2.5	2.5	2.5
MTU 4035 NAMTRAGRU DET, Whidbey Island, 66058	NAVY	1.1	2.4	2.4	2.6	2.8	2.6
VMAT 203 FREST, MCAS Cherry Point, 45483	USMC	55.6	55.6	55.6	55.6	55.6	55.6
SUMMARY TOTALS:							
	NAVY	14.0	14.0	14.0	14.2	14.4	14.2
	USMC	55.6	55.6	55.6	55.6	55.6	55.6
GRAND TOTALS:							
		69.6	69.6	69.6	69.8	70.0	69.8

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/- CUM	FY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM
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a. OFFICER - USN - Not Applicable

b. ENLISTED - USN

Fleet Support Billets ACDU and TAR

6801		1	0	1	0	1	0	1	0	1	0	1
6801		317	0	317	0	317	0	317	3	320	0	320
6801	8845	2	0	2	0	2	0	2	0	2	0	2
6801	9502	2	0	2	0	2	0	2	0	2	0	2
6801	9590	1	0	1	0	1	0	1	0	1	0	1
6810	6801	2	0	2	0	2	0	2	0	2	0	2
0812	6801	1	0	1	0	1	0	1	0	1	0	1
8345	6801	1	0	1	0	1	0	1	0	1	0	1

Staff Billets ACDU and TAR

6801	9502	17	0	17	0	17	0	17	0	17	0	17
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Chargeable Student Billets ACDU and TAR

14	0	14	0	14	0	14	0	14	0	14	0	14
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TOTAL USN ENLISTED BILLETS:

Fleet Support	327	0	327	0	327	0	327	3	330	0	330
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Staff	17	0	17	0	17	0	17	0	17	0	17
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Chargeable Student	14	0	14	0	14	0	14	0	14	0	14
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c. OFFICER - USMC - Not Applicable

d. ENLISTED - USMC

Operational Billets USMC and AR

6541	538	0	538	0	538	0	538	0	538	0	538
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Fleet Support Billets USMC and AR

6541	482	0	482	0	482	0	482	0	482	0	482
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Staff Billets USMC and AR

6541	23	0	23	0	23	0	23	0	23	0	23
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Chargeable Student Billets USMC and AR

56	0	56	0	56	0	56	0	56	0	56
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II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/- CUM	FY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM
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TOTAL USMC ENLISTED BILLETS:

Operational			538	0 538	0 538	0 538	0 538	0 538
Fleet Support			482	0 482	0 482	0 482	0 482	0 482
Staff			23	0 23	0 23	0 23	0 23	0 23
Chargeable Student			56	0 56	0 56	0 56	0 56	0 56

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-646-7007, General Shipboard / NAS Weapons Department AVORD Maintenance

COURSE LENGTH: 6.2 Weeks

TOUR LENGTH: Navy: 36 Months

ATTRITION FACTOR: Navy: 10%

BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF ENL	FY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL
MTU 4030 NAMTRAGRU DET, NS Mayport	NAVY	ACDU		22	22	22	22
MTU 4032 NAMTRAGRU DET, Norfolk	NAVY	ACDU		59	59	59	59
		TOTAL:		81	81	81	81

CIN, COURSE TITLE: E-646-7007, General Shipboard / NAS Weapons Department AVORD Maintenance

COURSE LENGTH: 6.2 Weeks

TOUR LENGTH: Navy: 36 Months

ATTRITION FACTOR: Navy: 10%

BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF ENL	FY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL
MTU 4033 NAMTRADRU DET, North Island	NAVY	ACDU		22	22	22	22
MTU 4035 NAMTRAGRU DET, Whidbey Island	NAVY	ACDU		22	23	25	23
		TOTAL:		44	45	47	45

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Technician, IMA

COURSE LENGTH: 11.4 Weeks

ATTRITION FACTOR: USMC: 0%

BACKOUT FACTOR: 0.23

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF ENL	FY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL
VMAT 203 FREST, MCAS Cherry Point	USMC	USMC		218	218	218	218
		AR		39	39	39	39
		TOTAL:		257	257	257	257

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AGM-114 HMMS and, therefore, are not included in Part III of this NTSP:

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7007, General Shipboard / NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 39470

SOURCE: NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	22		22		22		22		22	ATIR
	20		20		20		20		20	Output
	2.5		2.5		2.5		2.5		2.5	AOB
	2.5		2.5		2.5		2.5		2.5	Chargeable

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

SOURCE: NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	59		59		59		59		59	ATIR
	53		53		53		53		53	Output
	6.6		6.6		6.6		6.6		6.6	AOB
	6.6		6.6		6.6		6.6		6.6	Chargeable

CIN, COURSE TITLE: E-646-7007, General Shipboard / NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

SOURCE: NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	22		22		22		22		22	ATIR
	20		20		20		20		20	Output
	2.5		2.5		2.5		2.5		2.5	AOB
	2.5		2.5		2.5		2.5		2.5	Chargeable

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

SOURCE: NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	22		22		23		25		23	ATIR
	20		20		21		23		21	Output
	2.4		2.4		2.6		2.8		2.6	AOB
	2.4		2.4		2.6		2.8		2.6	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Technician, IMA

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC: MCAS Cherry Point, 45483

SOURCE: USMC

STUDENT CATEGORY: USMC - AR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	257		257		257		257		257	ATIR
	257		257		257		257		257	Output
	55.6		55.6		55.6		55.6		55.6	AOB
	55.6		55.6		55.6		55.6		55.6	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AGM-114 HMMS and, therefore, are not included in this NTSP.

IV.B. Courseware Requirements

IV.B.1 Training Services

IV.C. Facility Requirements

IV.C.1 Facility Requirements Summary (Space/Support) by Activity

IV.C.2 Facility Requirements Detailed by Activity by Course

IV.C.3 Facility Project Summary by Program

Note: Some of the training equipment listed in element IV.A.1 is required to train on the HMMS, but all of the equipment is required for courses C-122-3111 and C-646-3105.

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET

LOCATION, UIC: NS Mayport, 39470

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Beam, Hoisting, 1402AS100-1	2	Oct 97	GFE	Onboard
0002	Handling Unit Guide, 2643825	1	Oct 97	GFE	Onboard
0003	Nitrogen Receiver, 58A164D863	6	Oct 97	GFE	Onboard
0004	LAU118/A Missile Launcher, 704AS4169	1	Oct 97	GFE	Onboard
0005	Beam, Guided Missile, 3293730-100	1	Oct 97	GFE	Onboard
0006	LAU 117/A(V)2/A Launcher, 3384400-120	1	Oct 97	GFE	Onboard
0007	Beam, Weapon Cradle, 616856-3	1	Oct 97	GFE	Onboard
0008	Carrier, G/WPN, 651AS100	1	Oct 97	GFE	Onboard
0009	Beam, Hoisting, 2879984	1	Oct 97	GFE	Onboard
0010	Beam, MHU-129/E, 647AS100	1	Oct 97	GFE	Onboard
0011	Adapter, Guided Missile, 1561AS100-1	1	Oct 97	GFE	Onboard
0012	Adapter Transport, (TALD), 43-28601-101	2	Oct 97	GFE	Onboard
0013	Lug Alignment Plate, (TALD), 4328625-1	2	Oct 97	GFE	Onboard
0014	Lanyard Bridle, MXK-791/B37U-1(V), 43-24100-101	2	Oct 97	GFE	Onboard
0015	Cable Assembly Adapter, ELEHRK-110/B37U-1(V)	2	Oct 97	GFE	Onboard
0018	Adapter, Height Roll, 64A114C134-1	4	Oct 96	GFE	Onboard
0019	Adapter, Transport, 1257AS100-1	1	Oct 97	GFE	Onboard
0020	Adapter, Transport, 271AS100-15	1	Oct 97	GFE	Onboard
0021	Adapter, Adjustable, 1331AS401-1	1	Oct 97	GFE	Onboard
0022	Adapter, Soft Belt, 1567575	1	Oct 97	GFE	Onboard
0023	ADV-475/E, Truck Guide, ADU475E	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0024	Adapter, Skid, 64A114D16-1	1	Oct 97	GFE	Onboard
0025	Adapter, Skid, Aero 5, 64A114D17	1	Oct 97	GFE	Onboard
0026	Skid, Bomb, 62A81D1-1	1	Oct 97	GFE	Onboard
0027	Adapter, ADU-514/E, 1763AS600-1	1	Oct 97	GFE	Onboard
0028	Skid, Weapon, 64A114H1-4	4	Oct 97	GFE	Onboard
0029	Adapter, Loader Small, 66A79J1	1	Oct 97	GFE	Onboard
0030	Stand Assembly, 1517829	1	Oct 97	GFE	Onboard
0031	Handle Assembly, 54A103D7-10	2	Oct 97	GFE	Onboard
0032	Stand Assembly, Sidewinder, LD267964	1	Oct 97	GFE	Onboard
0033	Tee Bar Adapter, 6SE01170-1	2	Oct 97	GFE	Onboard
0034	Nitrogen Purifier, Air, MK-2 MOD-1, 67A274D90	1	Oct 97	GFE	Onboard
0035	Container, CNU154C/E, Walleye II, NALC ZW79, DL2603508	1	Oct 97	GFE	Onboard
0036	AIM-9 Wings, MK-1 MOD-1, NALC PH13, 639AS2836	1	Oct 97	GFE	Onboard
0037	AIM-9 Fins, BSU 32/B, NALC GW86, 649AS751	1	Oct 97	GFE	Onboard
0038	ATM-54 Trainer, W.W&F, NALC BWDI, 678AS100	1	Oct 97	GFE	Onboard
0039	Container, CNU-242/E, NALC ZW86, 787AS500	1	Oct 97	GFE	Onboard
0040	ATM-7 Wings, NALC PW32, 380031	1	Oct 97	GFE	Onboard
0041	ATM-7F Fins, NALC UNK, 2070-5018	1	Oct 97	GFE	Onboard
0042	Container, CNU-166/E, (Sparrow) NALC ZW84, 2603441	1	Oct 97	GFE	Onboard
0043	Container, CNU199E (Sparrow W&F) NALC ZW85, DL2605338	1	Oct 97	GFE	Onboard
0044	Container, CNU283E, Sidewinder, NALC FW61, 639AS2702	1	Oct 97	GFE	Onboard
0045	Container, MK607 MOD 0, Harpoon, NALC 5W65, 2645309134-1	1	Oct 97	GFE	Onboard
0046	Container CNU-355/E, HARM, NALC 7W90, 808183-10	1	Oct 97	GFE	Onboard
0047	Missile Container, CNU287E, Sidewinder, NALC KW61, 639AS2750	1	Oct 97	GFE	Onboard
0048	Container, MK-493 WEI W/F NALC EW66, 68A35F1	1	Oct 97	GFE	Onboard
0049	GDU-6/C 9L0 NALC FW66, 639AS2853	1	Oct 97	GFE	Onboard
0050	MK 11 MOD 0 Walleye Trainer, LDL1000	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0051	Walleye Wings and Fins, WEI NALC ZW74, 63A67A555	1	Oct 97	GFE	Onboard
0052	MK 8 MOD 0 ERDL Wing, WE II NALC, 245AS901	1	Oct 97	GFE	Onboard
0053	MK32 MOD2 Fin, WE II NALC	1	Oct 97	GFE	Onboard
0054	Cover, Radome, NALC UNK, 704AS4196	1	Oct 97	GFE	Onboard
0055	Container, CNU-150-E WE/II W&F NALC ZW64, 2596741	1	Oct 97	GFE	Onboard
0056	AGM 65 Inert Load Trainer, NALC 2W90, 3384306-101	1	Oct 97	GFE	Onboard
0057	Container, CNU 399/E, for AGM 65, NALC 3W69, 101306 REV-C	1	Oct 97	GFE	Onboard
0058	Nose Cover, NALC VW96, 63A68F6214	1	Oct 97	GFE	Onboard
0059	RAT Cover, NALC PW19, 63A69F120	1	Oct 97	GFE	Onboard
0060	TALD Vehicle, A/B37 NALC 4W38, 43-20000-102	1	Oct 97	GFE	Onboard
0061	Cover Assembly, Radome, NALC UNK, 72D015071-1001	1	Oct 97	GFE	Onboard
0062	Container, CNU-436/E NALC 3W77, 43-28000-101	1	Oct 97	GFE	Onboard
0063	Container, M724 NALC EW06, P/N UNK	1	Oct 97	GFE	Onboard
0064	CNU555/E Container for CATM-120B, NALC BWCU, 3145AS101	1	Oct 97	GFE	Onboard
0065	HELLFIRE, Missile, M-34 NALC 2W59, 13007376	1	Oct 97	GFE	Onboard
0066	Container, CNU448E, for HELLFIRE, NALC CW86, 13155079	1	Oct 97	GFE	Onboard
0067	Launch Kit, Wings, Canards, NALC BWCR, 650-174-0195	1	Oct 97	GFE	Onboard
0068	Wing Canard, Penguin CNU 450 BWAB	2	Oct 97	GFE	Onboard
0069	Container, Penguin, CNU443A/E NALC BWBF	1	Oct 97	GFE	Onboard
0070	Roll Tab Tool, (TLU-509/E), 1908AS318	1	Oct 97	GFE	Onboard
0071	Container for TOW Missile, BTM71C NALC WW38, 1290AS100	1	Oct 97	GFE	Onboard
0016	TS-3037 UMB Test AIG, 2881174	1	Oct 97	GFE	Onboard
0017	Decoy Tester/Program, 43-26000-101	1	Oct 97	GFE	Onboard
0072	Lock Ring Pliers, 318M0014P001	1	Oct 97	GFE	Onboard
0073	Adapter, Filter Chamber, 156070	1	Oct 97	GFE	Onboard
0074	Pliers, 23S8	1	Oct 97	GFE	Onboard
0075	Wrench, Launcher Lug, RF3407	1	Oct 97	GFE	Onboard
0076	Wrench, Torque, JOTRU10A	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

SPTE

0077	Spanner, Gas Inlet, 1298239	1	Oct 97	GFE	Onboard
0078	Wrench, Tube Spanner, 2601861	1	Oct 97	GFE	Onboard
0079	Driver Assembly, 2595763	1	Oct 97	GFE	Onboard
0080	Instrument Scale, 82X-01-029-1217	1	Oct 97	GFE	Onboard
0081	Handle, Screwdriver, Torque Low Range, TS-100	1	Oct 97	GFE	Onboard
0082	Tool, Missile Assembly, SA2875037	1	Oct 97	GFE	Onboard
0083	Tool, Ring Seating, SA2875046	1	Oct 97	GFE	Onboard
0084	Wrench, Spanner, 639AS2981	1	Oct 97	GFE	Onboard
0085	Wing Lock Tool, (Sparrow), 1715AS382	1	Oct 97	GFE	Onboard
0086	Tool, Wing Retraction, Local Manufacture	1	Oct 97	GFE	Onboard
0087	System Enable Switch (SES) Reset Tool, 41409566	1	Oct 97	GFE	Onboard
0088	Fixture, Wing Folding, 1908AS300	1	Oct 97	GFE	Onboard
0089	Tool, Wing Folding, 1908AS310	1	Oct 97	GFE	Onboard
0090	Missile Penguin, 31491558	1	Oct 97	GFE	Onboard
0091	Wing Lug Gauge, 31480676	1	Oct 97	GFE	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET

LOCATION, UIC: Norfolk, 66046

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Beam, Hoisting, 1402AS100-1	2	Oct 97	GFE	Onboard
0002	Handling Unit Guide, 2643825	1	Oct 97	GFE	Onboard
0003	Nitrogen Receiver, 58A164D863	6	Oct 97	GFE	Onboard
0004	LAU118/A Missile Launcher, 704AS4169	1	Oct 97	GFE	Onboard
0005	Beam, Guided Missile, 3293730-100	1	Oct 97	GFE	Onboard
0006	LAU 117/A(V)2/A Launcher, 3384400-120	1	Oct 97	GFE	Onboard
0007	Beam, Weapon Cradle, 616856-3	1	Oct 97	GFE	Onboard
0008	Carrier, G/WPN, 651AS100	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0009	Beam, Hoisting, 2879984	1	Oct 97	GFE	Onboard
0010	Beam, MHU-129/E, 647AS100	1	Oct 97	GFE	Onboard
0011	Adapter, Guided Missile, 1561AS100-1	1	Oct 97	GFE	Onboard
0012	Adapter Transport, (TALD), 43-28601-101	2	Oct 97	GFE	Onboard
0013	Lug Alignment Plate, (TALD), 4328625-1	2	Oct 97	GFE	Onboard
0014	Lanyard Bridle, MXK-791/B37U-1(V), 43-24100-101	2	Oct 97	GFE	Onboard
0015	Cable Assembly Adapter, ELEHRK-110/B37U-1(V)	2	Oct 97	GFE	Onboard
0018	Adapter, Height Roll, 64A114C134-1	4	Oct 97	GFE	Onboard
0019	Adapter, Transport, 1257AS100-1	1	Oct 97	GFE	Onboard
0020	Adapter, Transport, 271AS100-15	1	Oct 97	GFE	Onboard
0021	Adapter, Adjustable, 1331AS401-1	1	Oct 97	GFE	Onboard
0022	Adapter, Soft Belt, 1567575	1	Oct 97	GFE	Onboard
0023	ADV-475/E, Truck Guide, ADU475E	1	Oct 97	GFE	Onboard
0024	Adapter, Skid, 64A114D16-1	1	Oct 97	GFE	Onboard
0025	Adapter, Skid, Aero 5, 64A114D17	1	Oct 97	GFE	Onboard
0026	Skid, Bomb, 62A81D1-1	1	Oct 97	GFE	Onboard
0027	Adapter, ADU-514/E, 1763AS600-1	1	Oct 97	GFE	Onboard
0028	Skid, Weapon, 64A114H1-4	4	Oct 97	GFE	Onboard
0029	Adapter, Loader Small, 66A79J1	1	Oct 97	GFE	Onboard
0030	Stand Assembly, 1517829	1	Oct 97	GFE	Onboard
0031	Handle Assembly, 54A103D7-10	2	Oct 97	GFE	Onboard
0032	Stand Assembly, Sidewinder, LD267964	1	Oct 97	GFE	Onboard
0033	Tee Bar Adapter, 6SE01170-1	2	Oct 97	GFE	Onboard
0034	Nitrogen Purifier, Air, MK-2 MOD-1, 67A274D90	1	Oct 97	GFE	Onboard
0035	Container, CNU154C/E, Walleye II, NALC ZW79, DL2603508	1	Oct 97	GFE	Onboard
0036	AIM-9 Wings, MK-1 MOD-1, NALC PH13, 639AS2836	1	Oct 97	GFE	Onboard
0037	AIM-9 Fins, BSU 32/B, NALC GW86, 649AS751	1	Oct 97	GFE	Onboard
0038	ATM-54 Trainer, W.W&F, NALC BWDI, 678AS100	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0039	Container, CNU-242/E, NALC ZW86, 787AS500	1	Oct 97	GFE	Onboard
0040	ATM-7 Wings, NALC PW32, 380031	1	Oct 97	GFE	Onboard
0041	ATM-7F Fins, NALC UNK, 2070-5018	1	Oct 97	GFE	Onboard
0042	Container, CNU-166/E, (Sparrow) NALC ZW84, 2603441	1	Oct 97	GFE	Onboard
0043	Container, CNU199E (Sparrow W&F) NALC ZW85, DL2605338	1	Oct 97	GFE	Onboard
0044	Container, CNU283E, Sidewinder, NALC FW61, 639AS2702	1	Oct 97	GFE	Onboard
0045	Container, MK607 MOD 0, Harpoon, NALC 5W65, 2645309134-1	1	Oct 97	GFE	Onboard
0046	Container CNU-355/E, HARM, NALC 7W90, 808183-10	1	Oct 97	GFE	Onboard
0047	Missile Container, CNU287E, Sidewinder, NALC KW61, 639AS2750	1	Oct 97	GFE	Onboard
0048	Container, MK-493 WEI W/F NALC EW66, 68A35F1	1	Oct 97	GFE	Onboard
0049	GDU-6/C 9L0 NALC FW66, 639AS2853	1	Oct 97	GFE	Onboard
0050	MK 11 MOD 0 Walleye Trainer, LDL1000	1	Oct 97	GFE	Onboard
0051	Walleye Wings and Fins, WEI NALC ZW74, 63A67A555	1	Oct 97	GFE	Onboard
0052	MK 8 MOD 0 ERDL Wing, WE II NALC, 245AS901	1	Oct 97	GFE	Onboard
0053	MK32 MOD2 Fin, WE II NALC	1	Oct 97	GFE	Onboard
0054	Cover, Radome, NALC UNK, 704AS4196	1	Oct 97	GFE	Onboard
0055	Container, CNU-150-E WE/II W&F NALC ZW64, 2596741	1	Oct 97	GFE	Onboard
0056	AGM 65 Inert Load Trainer, NALC 2W90, 3384306-101	1	Oct 97	GFE	Onboard
0057	Container, CNU 399/E, for AGM 65, NALC 3W69, 101306 REV-C	1	Oct 97	GFE	Onboard
0058	Nose Cover, NALC VW96, 63A68F6214	1	Oct 97	GFE	Onboard
0059	RAT Cover, NALC PW19, 63A69F120	1	Oct 97	GFE	Onboard
0060	TALD Vehicle, A/B37 NALC 4W38, 43-20000-102	1	Oct 97	GFE	Onboard
0061	Cover Assembly, Radome, NALC UNK, 72D015071-1001	1	Oct 97	GFE	Onboard
0062	Container, CNU-436/E NALC 3W77, 43-28000-101	1	Oct 97	GFE	Onboard
0063	Container, M724 NALC EW06, P/N UNK	1	Oct 97	GFE	Onboard
0064	CNU555/E Container for CATM-120B, NALC BWCU, 3145AS101	1	Oct 97	GFE	Onboard
0065	HELLFIRE, Missile, M-34 NALC 2W59, 13007376	1	Oct 97	GFE	Onboard
0066	Container, CNU448E, for HELLFIRE, NALC CW86, 13155079	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0067	Launch Kit, Wings, Canards, NALC BWCR, 650-174-0195	1	Oct 97	GFE	Onboard
0068	Wing Canard, Penguin CNU 450 BWAB	2	Oct 97	GFE	Onboard
0069	Container, Penguin, CNU443A/E NALC BWBF	1	Oct 97	GFE	Onboard
0070	Roll Tab Tool, (TLU-509/E), 1908AS318	1	Oct 97	GFE	Onboard
0071	Container for TOW Missile, BTM71C NALC WW38, 1290AS100	1	Oct 97	GFE	Onboard

SPTE

0016	TS-3037 UMB Test AIG, 2881174	1	Oct 97	GFE	Onboard
0017	Decoy Tester/Program, 43-26000-101	1	Oct 97	GFE	Onboard
0072	Lock Ring Pliers, 318M0014P001	1	Oct 97	GFE	Onboard
0073	Adapter, Filter Chamber, 156070	1	Oct 97	GFE	Onboard
0074	Pliers, 23S8	1	Oct 97	GFE	Onboard
0075	Wrench, Launcher Lug, RF3407	1	Oct 97	GFE	Onboard
0076	Wrench, Torque, JOTRU10A	1	Oct 97	GFE	Onboard
0077	Spanner, Gas Inlet, 1298239	1	Oct 97	GFE	Onboard
0078	Wrench, Tube Spanner, 2601861	1	Oct 97	GFE	Onboard
0079	Driver Assembly, 2595763	1	Oct 97	GFE	Onboard
0080	Instrument Scale, 82X-01-029-1217	1	Oct 97	GFE	Onboard
0081	Handle, Screwdriver, Torque Low Range, TS-100	1	Oct 97	GFE	Onboard
0082	Tool, Missile Assembly, SA2875037	1	Oct 97	GFE	Onboard
0083	Tool, Ring Seating, SA2875046	1	Oct 97	GFE	Onboard
0084	Wrench, Spanner, 639AS2981	1	Oct 97	GFE	Onboard
0085	Wing Lock Tool, (Sparrow), 1715AS382	1	Oct 97	GFE	Onboard
0086	Tool, Wing Retraction, Local Manufacture	1	Oct 97	GFE	Onboard
0087	System Enable Switch (SES) Reset Tool, 41409566	1	Oct 97	GFE	Onboard
0088	Fixture, Wing Folding, 1908AS300	1	Oct 97	GFE	Onboard
0089	Tool, Wing Folding, 1908AS310	1	Oct 97	GFE	Onboard
0090	Missile Penguin, 31491558	1	Oct 97	GFE	Onboard
0091	Wing Lug Gauge, 31480676	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET

LOCATION, UIC: North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Beam, Hoisting, 1402AS100-1	2	Oct 97	GFE	Onboard
0002	Handling Unit Guide, 2643825	1	Oct 97	GFE	Onboard
0003	Nitrogen Receiver, 58A164D863	6	Oct 97	GFE	Onboard
0004	LAU118/A Missile Launcher, 704AS4169	1	Oct 97	GFE	Onboard
0005	Beam, Guided Missile, 3293730-100	1	Jul 99	GFE	Onboard
0006	LAU 117/A(V)2/A Launcher, 3384400-120	1	Oct 97	GFE	Onboard
0007	Beam, Weapon Cradle, 616856-3	1	Oct 97	GFE	Onboard
0008	Carrier, G/WPN, 651AS100	1	Oct 97	GFE	Onboard
0009	Beam, Hoisting, 2879984	1	Oct 97	GFE	Onboard
0010	Beam, MHU-129/E, 647AS100	1	Oct 97	GFE	Onboard
0011	Adapter, Guided Missile, 1561AS100-1	1	Oct 97	GFE	Onboard
0012	Adapter Transport, (TALD), 43-28601-101	2	Oct 97	GFE	Onboard
0013	Lug Alignment Plate, (TALD), 4328625-1	2	Oct 97	GFE	Onboard
0014	Lanyard Bridle, MXK-791/B37U-1(V), 43-24100-101	2	Oct 97	GFE	Onboard
0015	Cable Assembly Adapter, ELEHRK-110/B37U-1(V)	2	Oct 97	GFE	Onboard
0018	Adapter, Height Roll, 64A114C134-1	4	Oct 97	GFE	Onboard
0019	Adapter, Transport, 1257AS100-1	1	Oct 97	GFE	Onboard
0020	Adapter, Transport, 271AS100-15	1	Oct 97	GFE	Onboard
0021	Adapter, Adjustable, 1331AS401-1	1	Oct 97	GFE	Onboard
0022	Adapter, Soft Belt, 1567575	1	Oct 97	GFE	Onboard
0023	ADV-475/E, Truck Guide, ADU475E	1	Oct 97	GFE	Onboard
0024	Adapter, Skid, 64A114D16-1	1	Oct 97	GFE	Onboard
0025	Adapter, Skid, Aero 5, 64A114D17	1	Oct 97	GFE	Onboard
0026	Skid, Bomb, 62A81D1-1	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0027	Adapter, ADU-514/E, 1763AS600-1	1	Oct 97	GFE	Onboard
0028	Skid, Weapon, 64A114H1-4	4	Oct 97	GFE	Onboard
0029	Adapter, Loader Small, 66A79J1	1	Oct 97	GFE	Onboard
0030	Stand Assembly, 1517829	1	Oct 97	GFE	Onboard
0031	Handle Assembly, 54A103D7-10	2	Oct 97	GFE	Onboard
0032	Stand Assembly, Sidewinder, LD267964	1	Oct 97	GFE	Onboard
0033	Tee Bar Adapter, 6SE01170-1	2	Oct 97	GFE	Onboard
0034	Nitrogen Purifier, Air, MK-2 MOD-1, 67A274D90	1	Oct 97	GFE	Onboard
0035	Container, CNU154C/E, Walleye II, NALC ZW79, DL2603508	1	Oct 97	GFE	Onboard
0036	AIM-9 Wings, MK-1 MOD-1, NALC PH13, 639AS2836	1	Oct 97	GFE	Onboard
0037	AIM-9 Fins, BSU 32/B, NALC GW86, 649AS751	1	Oct 97	GFE	Onboard
0038	ATM-54 Trainer, W.W&F, NALC BWDI, 678AS100	1	Oct 97	GFE	Onboard
0039	Container, CNU-242/E, NALC ZW86, 787AS500	1	Oct 97	GFE	Onboard
0040	ATM-7 Wings, NALC PW32, 380031	1	Oct 97	GFE	Onboard
0041	ATM-7F Fins, NALC UNK, 2070-5018	1	Oct 97	GFE	Onboard
0042	Container, CNU-166/E, (Sparrow) NALC ZW84, 2603441	1	Oct 97	GFE	Onboard
0043	Container, CNU199E (Sparrow W&F) NALC ZW85, DL2605338	1	Oct 97	GFE	Onboard
0044	Container, CNU283E, Sidewinder, NALC FW61, 639AS2702	1	Oct 97	GFE	Onboard
0045	Container, MK607 MOD 0, Harpoon, NALC 5W65, 2645309134-1	1	Oct 97	GFE	Onboard
0046	Container CNU-355/E, HARM, NALC 7W90, 808183-10	1	Oct 97	GFE	Onboard
0047	Missile Container, CNU287E, Sidewinder, NALC KW61, 639AS2750	1	Oct 97	GFE	Onboard
0048	Container, MK-493 WEI W/F NALC EW66, 68A35F1	1	Oct 97	GFE	Onboard
0049	GDU-6/C 9L0 NALC FW66, 639AS2853	1	Oct 97	GFE	Onboard
0050	MK 11 MOD 0 Walleye Trainer, LDL1000	1	Oct 97	GFE	Onboard
0051	Walleye Wings and Fins, WEI NALC ZW74, 63A67A555	1	Oct 97	GFE	Onboard
0052	MK 8 MOD 0 ERDL Wing, WE II NALC, 245AS901	1	Oct 97	GFE	Onboard
0053	MK32 MOD2 Fin, WE II NALC	1	Oct 97	GFE	Onboard
0054	Cover, Radome, NALC UNK, 704AS4196	1	Oct 97	GFE	Onboard
0055	Container, CNU-150-E WE/II W&F NALC ZW64, 2596741	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0056	AGM 65 Inert Load Trainer, NALC 2W90, 3384306-101	1	Oct 97	GFE	Onboard
0057	Container, CNU 399/E, for AGM 65, NALC 3W69, 101306 REV-C	1	Oct 97	GFE	Onboard
0058	Nose Cover, NALC VW96, 63A68F6214	1	Oct 97	GFE	Onboard
0059	RAT Cover, NALC PW19, 63A69F120	1	Oct 97	GFE	Onboard
0060	TALD Vehicle, A/B37 NALC 4W38, 43-20000-102	1	Oct 97	GFE	Onboard
0061	Cover Assembly, Radome, NALC UNK, 72D015071-1001	1	Oct 97	GFE	Onboard
0062	Container, CNU-436/E NALC 3W77, 43-28000-101	1	Oct 97	GFE	Onboard
0063	Container, M724 NALC EW06, P/N UNK	1	Oct 97	GFE	Onboard
0064	CNU555/E Container for CATM-120B, NALC BWCU, 3145AS101	1	Oct 97	GFE	Onboard
0065	HELLFIRE, Missile, M-34 NALC 2W59, 13007376	1	Oct 97	GFE	Onboard
0066	Container, CNU448E, for HELLFIRE, NALC CW86, 13155079	1	Oct 97	GFE	Onboard
0067	Launch Kit, Wings, Canards, NALC BWCR, 650-174-0195	1	Oct 97	GFE	Onboard
0068	Wing Canard, Penguin, CNU 450 BWAB	2	Oct 97	GFE	Onboard
0069	Container, Penguin, CNU443A/E NALC BWBF	1	Oct 97	GFE	Onboard
0070	Roll Tab Tool, (TLU-509/E), 1908AS318	1	Oct 97	GFE	Onboard
0071	Container for TOW Missile, BTM71C NALC WW38, 1290AS100	1	Oct 97	GFE	Onboard

SPTE

0016	TS-3037 UMB Test AIG, 2881174	1	Oct 97	GFE	Onboard
0017	Decoy Tester/Program, 43-26000-101	1	Oct 97	GFE	Onboard
0072	Lock Ring Pliers, 318M0014P001	1	Oct 97	GFE	Onboard
0073	Adapter, Filter Chamber, 156070	1	Oct 97	GFE	Onboard
0074	Pliers, 23S8	1	Oct 97	GFE	Onboard
0075	Wrench, Launcher Lug, RF3407	1	Oct 97	GFE	Onboard
0076	Wrench, Torque, JOTRU10A	1	Oct 97	GFE	Onboard
0077	Spanner, Gas Inlet, 1298239	1	Oct 97	GFE	Onboard
0078	Wrench, Tube Spanner, 2601861	1	Oct 97	GFE	Onboard
0079	Driver Assembly, 2595763	1	Oct 97	GFE	Onboard
0080	Instrument Scale, 82X-01-029-1217	1	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0081	Handle, Screwdriver, Torque Low Range, TS-100	1	Oct 97	GFE	Onboard
0082	Tool, Missile Assembly, SA2875037	1	Oct 97	GFE	Onboard
0083	Tool, Ring Seating, SA2875046	1	Oct 97	GFE	Onboard
0084	Wrench, Spanner, 639AS2981	1	Oct 97	GFE	Onboard
0085	Wing Lock Tool, (Sparrow), 1715AS382	1	Oct 97	GFE	Onboard
0086	Tool, Wing Retraction, Local Manufacture	1	Oct 97	GFE	Onboard
0087	System Enable Switch (SES) Reset Tool, 41409566	1	Oct 97	GFE	Onboard
0088	Fixture, Wing Folding, 1908AS300	1	Oct 97	GFE	Onboard
0089	Tool, Wing Folding, 1908AS310	1	Oct 97	GFE	Onboard
0090	Missile Penguin, 31491558	1	Oct 97	GFE	Onboard
0091	Wing Lug Gauge, 31480676	1	Oct 97	GFE	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET

LOCATION, UIC: Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Beam, Hoisting, 1402AS100-1	2	Jul 99	GFE	Onboard
0002	Handling Unit Guide, 2643825	1	Jul 99	GFE	Onboard
0003	Nitrogen Receiver, 58A164D863	6	Jul 99	GFE	Onboard
0004	LAU118/A Missile Launcher, 704AS4169	1	Jul 99	GFE	Onboard
0005	Beam, Guided Missile, 3293730-100	1	Oct 97	GFE	Onboard
0006	LAU 117/A(V)2/A Launcher, 3384400-120	1	Jul 99	GFE	Onboard
0007	Beam, Weapon Cradle, 616856-3	1	Jul 97	GFE	Onboard
0008	Carrier, G/WPN, 651AS100	1	Jul 99	GFE	Onboard
0009	Beam, Hoisting, 2879984	1	Jul 99	GFE	Onboard
0010	Beam, MHU-129/E, 647AS100	1	Jul 99	GFE	Onboard
0011	Adapter, Guided Missile, 1561AS100-1	1	Jul 99	GFE	Onboard
0012	Adapter Transport, (TALD), 43-28601-101	2	Jul 99	GFE	Onboard
0013	Lug Alignment Plate, (TALD), 4328625-1	2	Jul 99	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0014	Lanyard Bridle, MXK-791/B37U-1(V), 43-24100-101	2	Jul 99	GFE	Onboard
0015	Cable Assembly Adapter, ELEHRK-110/B37U-1(V)	2	Jul 99	GFE	Onboard
0018	Adapter, Height Roll, 64A114C134-1	4	Jul 99	GFE	Onboard
0019	Adapter, Transport, 1257AS100-1	1	Jul 99	GFE	Onboard
0020	Adapter, Transport, 271AS100-15	1	Jul 99	GFE	Onboard
0021	Adapter, Adjustable, 1331AS401-1	1	Jul 99	GFE	Onboard
0022	Adapter, Soft Belt, 1567575	1	Jul 99	GFE	Onboard
0023	ADV-475/E, Truck Guide, ADU475E	1	Jul 99	GFE	Onboard
0024	Adapter, Skid, 64A114D16-1	1	Jul 99	GFE	Onboard
0025	Adapter, Skid, Aero 5, 64A114D17	1	Jul 99	GFE	Onboard
0026	Skid, Bomb, 62A81D1-1	1	Jul 99	GFE	Onboard
0027	Adapter, ADU-514/E, 1763AS600-1	1	Jul 99	GFE	Onboard
0028	Skid, Weapon, 64A114H1-4	4	Jul 99	GFE	Onboard
0029	Adapter, Loader Small, 66A79J1	1	Jul 99	GFE	Onboard
0030	Stand Assembly, 1517829	1	Jul 99	GFE	Onboard
0031	Handle Assembly, 54A103D7-10	2	Jul 99	GFE	Onboard
0032	Stand Assembly, Sidewinder, LD267964	1	Jul 99	GFE	Onboard
0033	Tee Bar Adapter, 6SE01170-1	2	Jul 99	GFE	Onboard
0034	Nitrogen Purifier, Air, MK-2 MOD-1, 67A274D90	1	Jul 99	GFE	Onboard
0035	Container, CNU154C/E, Walleye II, NALC ZW79, DL2603508	1	Jul 99	GFE	Onboard
0036	AIM-9 Wings, MK-1 MOD-1, NALC PH13, 639AS2836	1	Jul 99	GFE	Onboard
0037	AIM-9 Fins, BSU 32/B, NALC GW86, 649AS751	1	Jul 99	GFE	Onboard
0038	ATM-54 Trainer, W.W&F, NALC BWDI, 678AS100	1	Jul 99	GFE	Onboard
0039	Container, CNU-242/E, NALC ZW86, 787AS500	1	Jul 99	GFE	Onboard
0040	ATM-7 Wings, NALC PW32, 380031	1	Jul 99	GFE	Onboard
0041	ATM-7F Fins, NALC UNK, 2070-5018	1	Jul 99	GFE	Onboard
0042	Container, CNU-166/E, (Sparrow) NALC ZW84, 2603441	1	Jul 99	GFE	Onboard
0043	Container, CNU199E, (Sparrow W&F) NALC ZW85, DL2605338	1	Jul 99	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0044	Container, CNU283E, Sidewinder, NALC FW61, 639AS2702	1	Jul 99	GFE	Onboard
0045	Container, MK607 MOD 0, Harpoon, NALC 5W65, 2645309134-1	1	Jul 99	GFE	Onboard
0046	Container CNU-355/E, HARM, NALC 7W90, 808183-10	1	Jul 99	GFE	Onboard
0047	Missile Container, CNU287E, Sidewinder, NALC KW61, 639AS2750	1	Jul 99	GFE	Onboard
0048	Container, MK-493 WEI W/F NALC EW66, 68A35F1	1	Jul 99	GFE	Onboard
0049	GDU-6/C 9L0 NALC FW66, 639AS2853	1	Jul 99	GFE	Onboard
0050	MK 11 MOD 0 Walleye Trainer, LDL1000	1	Jul 99	GFE	Onboard
0051	Walleye Wings and Fins, WEI NALC ZW74, 63A67A555	1	Jul 99	GFE	Onboard
0052	MK 8 MOD 0 ERDL Wing, WE II NALC, 245AS901	1	Jul 99	GFE	Onboard
0053	MK32 MOD2 Fin, WE II NALC	1	Jul 99	GFE	Onboard
0054	Cover, Radome, NALC UNK, 704AS4196	1	Jul 99	GFE	Onboard
0055	Container, CNU-150-E WE/II W&F NALC ZW64, 2596741	1	Jul 99	GFE	Onboard
0056	AGM 65 Inert Load Trainer, NALC 2W90, 3384306-101	1	Jul 99	GFE	Onboard
0057	Container, CNU 399/E, for AGM 65, NALC 3W69, 101306 REV-C	1	Jul 99	GFE	Onboard
0058	Nose Cover, NALC VW96, 63A68F6214	1	Jul 99	GFE	Onboard
0059	RAT Cover, NALC PW19, 63A69F120	1	Jul 99	GFE	Onboard
0060	TALD Vehicle, A/B37 NALC 4W38, 43-20000-102	1	Jul 99	GFE	Onboard
0061	Cover Assembly, Radome, NALC UNK, 72D015071-1001	1	Jul 99	GFE	Onboard
0062	Container, CNU-436/E NALC 3W77, 43-28000-101	1	Jul 99	GFE	Onboard
0063	Container, M724 NALC EW06, P/N UNK	1	Jul 99	GFE	Onboard
0064	CNU555/E Container for CATM-120B, NALC BWCU, 3145AS101	1	Jul 99	GFE	Onboard
0065	HELLFIRE, Missile, M-34 NALC 2W59, 13007376	1	Jul 99	GFE	Onboard
0066	Container, CNU448E, for HELLFIRE, NALC CW86, 13155079	1	Jul 99	GFE	Onboard
0067	Launch Kit, Wings, Canards, NALC BWCR, 650-174-0195	1	Jul 99	GFE	Onboard
0068	Wing Canard, Penguin CNU 450 BWAB	2	Jul 99	GFE	Onboard
0069	Container, Penguin, CNU443A/E NALC BWBF	1	Jul 99	GFE	Onboard
0070	Roll Tab Tool, (TLU-509/E), 1908AS318	1	Jul 99	GFE	Onboard
0071	Container for TOW Missile, BTM71C NALC WW38, 1290AS100	1	Jul 99	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

SPTE

0016	TS-3037 UMB Test AIG, 2881174	1	Jul 99	GFE	Onboard
0017	Decoy Tester/Program, 43-26000-101	1	Jul 99	GFE	Onboard
0072	Lock Ring Pliers, 318M0014P001	1	Jul 99	GFE	Onboard
0073	Adapter, Filter Chamber, 156070	1	Jul 99	GFE	Onboard
0074	Pliers, 23S8	1	Jul 99	GFE	Onboard
0075	Wrench, Launcher Lug, RF3407	1	Jul 99	GFE	Onboard
0076	Wrench, Torque, JOTRU10A	1	Jul 99	GFE	Onboard
0077	Spanner, Gas Inlet, 1298239	1	Jul 99	GFE	Onboard
0078	Wrench, Tube Spanner, 2601861	1	Jul 99	GFE	Onboard
0079	Driver Assembly, 2595763	1	Jul 99	GFE	Onboard
0080	Instrument Scale, 82X-01-029-1217	1	Jul 99	GFE	Onboard
0081	Handle, Screwdriver, Torque Low Range, TS-100	1	Jul 99	GFE	Onboard
0082	Tool, Missile Assembly, SA2875037	1	Jul 99	GFE	Onboard
0083	Tool, Ring Seating, SA2875046	1	Jul 99	GFE	Onboard
0084	Wrench, Spanner, 639AS2981	1	Jul 99	GFE	Onboard
0085	Wing Lock Tool, (Sparrow), 1715AS382	1	Jul 99	GFE	Onboard
0086	Tool, Wing Retraction, Local Manufacture	1	Jul 99	GFE	Onboard
0087	System Enable Switch (SES) Reset Tool, 41409566	1	Jul 99	GFE	Onboard
0088	Fixture, Wing Folding, 1908AS300	1	Jul 99	GFE	Onboard
0089	Tool, Wing Folding, 1908AS310	1	Jul 99	GFE	Onboard
0090	Missile Penguin, 31491558	1	Jul 99	GFE	Onboard
0091	Wing Lug Gauge, 31480676	1	Jul 99	GFE	Onboard

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC: MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0092	Launcher, LAU-117, 3384400-120	4	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0093	Launcher, LAU-118, 704AS4169-1	4	Oct 97	GFE	Onboard
0094	Launcher, LAU-115/A, 74A730351-1003	4	Oct 97	GFE	Onboard
0095	Launcher, LAU-116/A, 74A30301-1007	2	Oct 97	GFE	Onboard
0096	Bomb Ejector Rack, AERO-7A-5, 302AS200	4	Oct 97	GFE	Onboard
0097	Ejector Rack Assembly, BRU-32/A, J013400-531	4	Oct 97	GFE	Onboard
0098	Vertical Ejector Rack Assembly, BRU-33/A, J014000-541	4	Oct 97	GFE	Onboard
0099	Improved Triple Ejector Rack, BRU-42/A, 1348AS500	4	Oct 97	GFE	Onboard
0100	Adapter Missile Launcher, ADU-299/A, 564AS100-1	4	Oct 97	GFE	Onboard
0101	Nitrogen Receiver Assembly, 58A164D863	4	Oct 97	GFE	Onboard
0102	Gun System, 20MM Link, F/A-18 Aircraft, 211F930	2	Oct 97	GFE	Onboard
0103	M197, Automatic Gun, 11838579	2	Oct 97	GFE	Onboard
0104	Fixture, Feed Unit, 11838602	2	Oct 97	GFE	Onboard
0105	M-89E-1, Delinking Feeder, 12007300	2	Oct 97	GFE	Onboard
0106	Launcher, LAU-7 A-6, 58A164874	4	Oct 97	GFE	Onboard
0107	Rack, Bomb Ejector, BRU-20A, 291AS405	4	Oct 97	GFE	Onboard
0108	Rack, Bomb Ejector, BRU-23/A, 291AS415	2	Oct 97	GFE	Onboard
0109	Aircraft Store, Ejector Rack, 15-004-001-5	4	Oct 97	GFE	Onboard
0110	Power Supply, LAU-7 A-6	4	Oct 97	GFE	Onboard
0111	BRU 22-A, 291AS410	2	Oct 97	GFE	Onboard
0112	Launcher, M272 HELLFIRE, 13009444	2	Oct 97	GFE	Onboard
0113	Launcher, TOW Missile, 3234008-110	2	Oct 97	GFE	Onboard
0114	Gun System, 25MM, Aircraft, 1395AS101	2	Oct 97	GFE	Onboard
0115	Transfer/Turnaround, 195AS667	2	Oct 97	GFE	Onboard
0116	Turret, Armament, 218F457	4	Oct 97	GFE	Onboard
0117	Rack, Bomb Ejector, BRU-36, MD31623-3500	4	Oct 97	GFE	Onboard
0118	Launcher, Guided Missile, LAU-127	4	Oct 97	GFE	Onboard
0119	Pylon, Aircraft, SUU-62, 74A735001-1017	2	Oct 97	GFE	Onboard
0120	Pylon, Aircraft, SUU-63, 74G735001-1005	2	Oct 97	GFE	Onboard
0121	Replenisher, Ammunition, 314AS500-1	2	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0122	Loader, Ammunition, 3141AS798-1	2	Oct 97	GFE	Onboard
0123	Recoil Adapter, 105D3853	2	Oct 97	GFE	Onboard
0124	Slider Assembly, 167C1557	2	Oct 97	GFE	Onboard
0125	Drive Assembly, 117D2954	2	Oct 97	GFE	Onboard
0126	Launcher, Guided Missile, LAU-16-A, 74A730301-1008	2	Oct 97	GFE	Onboard
0127	Launcher, Guided Missile, LAU-7 C/A, 3455AS100	2	Oct 97	GFE	Onboard
0128	Munitions, Assembly Conveyor, 8457540-10	1	Oct 97	GFE	Onboard
0129	Cradle, Universal, Small, MHU-63/E, 2560340	4	Oct 97	GFE	Onboard
0130	Cradle, Universal, Large, MHU-65/E, 2560341	2	Oct 97	GFE	Onboard
0131	Cradle, Sidewinder, MHU-61/E, 7002M0006	2	Oct 97	GFE	Onboard
0132	Adapter Skid, Trailer, AERO-74A, 64A98E100	4	Oct 97	GFE	Onboard
0133	Skid Platform, MHU-125/E, 1330AS100-1	4	Oct 97	GFE	Onboard
0134	Adapter Skid, AERO-58A, 64A114D17-1	4	Oct 97	GFE	Onboard
0135	Adapter, Soft Belt, AERO-64A, 1567575	4	Oct 97	GFE	Onboard
0136	Adapter, Height, ADU-359/E	4	Oct 97	GFE	Onboard
0137	Adapter, Missile, ADU-600/E, 1245AS600-1	4	Oct 97	GFE	Onboard
0138	Adapter, Missile, ADU-574/E, 1517AS106-1	1	Oct 97	GFE	Onboard
0139	Adapter, Missile, ADU-575/E, 1517AS107	1	Oct 97	GFE	Onboard
0140	Adapter Hook, MK 91 MOD 0, 2643315	1	Oct 97	GFE	Onboard
0141	Adapter, Roller, ADU-405/E, 64A114C134	4	Oct 97	GFE	Onboard
0142	Carrier, Weapons, MK51, 651AS100	2	Oct 97	GFE	Onboard
0143	Beam, Handling, 1732AS100	2	Oct 97	GFE	Onboard
0144	Adapter, Gun Rotor, 139AS670	2	Oct 97	GFE	Onboard
0145	Stand, Maintenance, Gun, 1395AS690	2	Oct 97	GFE	Onboard
0146	Stand, Maintenance, 1395AS697	2	Oct 97	GFE	Onboard
0147	Stand, Maintenance, 1395AS563	2	Oct 97	GFE	Onboard
0148	Stand, Maintenance, 1395AS564	2	Oct 97	GFE	Onboard
0149	Tank, Pressure, 1732AS500	2	Oct 97	GFE	Onboard
0150	Adapter, Gun Handling, 74D750013-1003	2	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0151	Sling, Aircraft Maintenance, 1245100-1	2	Oct 97	GFE	Onboard
0152	Side Plate, Maintenance Fixture, BRU-32A, 1534AS100AF4-2	4	Oct 97	GFE	Onboard
0153	Side Plate, Maintenance Fixture, BRU-33/A, 5942665-1	4	Oct 97	GFE	Onboard
0154	Fixture, Checking, 132D1727	2	Oct 97	GFE	Onboard
0155	Fixture, Aircraft Maintenance, 105D3623	2	Oct 97	GFE	Onboard
0156	Fixture, Checking, 117D2305	2	Oct 97	GFE	Onboard
0157	Fixture Assembly, 20 MM, 7274771	2	Oct 97	GFE	Onboard
0158	Fixture, Gun Assembly, 11838615	2	Oct 97	GFE	Onboard
0159	Adapter, Gun Feed, 1395AS695	2	Oct 97	GFE	Onboard
0160	Ring Applicator, 1395AS816	2	Oct 97	GFE	Onboard
0161	Missile Clamp Puller, 1395AS629	2	Oct 97	GFE	Onboard
0162	Adapter Assembly, 1395AS560	2	Oct 97	GFE	Onboard
0163	Fixture, Checking, 132D1732	2	Oct 97	GFE	Onboard
0164	Fixture, Gear Timing, 132D1856	2	Oct 97	GFE	Onboard
0165	Adapter, Gun, 5525133	2	Oct 97	GFE	Onboard
0166	Stand, Turret, Assembly/Disassembly, 219F373	2	Oct 97	GFE	Onboard
0167	Cradle, Gun System, 75D750012-1001	4	Oct 97	GFE	Onboard
0168	Weapons Carrier, MK49 MOD1, 808AS100	2	Oct 97	GFE	Onboard
0169	Bar, Hoisting, Bomb, HLU-286/E, 1171AS100-1	2	Oct 97	GFE	Onboard
0170	Rocket Assembly Tool Kit, 233AS250	2	Oct 97	GFE	Onboard
0171	Dispenser, SUU-25F/A, L111	2	Oct 97	CFE	Onboard
0172	Retarder, Inflatable, 1W73 BSU-85/B	2	Oct 97	GFE	Onboard
0173	Bomb, Fire, MK 77, E134	2	Oct 97	GFE	Onboard
0174	Dispenser, Bomb, Aircraft, T MK 20 MOD 3, E808	2	Oct 97	GFE	Onboard
0175	Bomb, Practice, MK 106/BDU-48/B, E962	4	Oct 97	GFE	Onboard
0176	Bomb, Practice, MK 76, E973	4	Oct 97	GFE	Onboard
0177	Bomb, GP BDU-45, Inert, F017	6	Oct 97	GFE	Onboard
0178	Arming Wire Assembly, MK 3, F448	200	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0179	Fin Assembly, BSU-86 A/B, F780	2	Oct 97	GFE	Onboard
0180	Fin Assembly, BSU-33 A/B, F780	2	Oct 97	GFE	Onboard
0181	Fuze, Bomb, Nose, M904E2, F919	4	Oct 97	GFE	Onboard
0182	Adapter, Spotting, Charge, Fw44	6	Oct 98	GFE	Onboard
0183	Plug, Solid Nose, Steel, MXU-735/B, FW90	6	Oct 97	GFE	Onboard
0184	Switch, Arming Safety, MK 122, GW03	4	Oct 97	GFE	Onboard
0185	Launcher, LAU-61C/A, H121	2	Oct 97	GFE	Onboard
0186	Launcher, LAU-68D/A, H122	2	Oct 97	GFE	Onboard
0187	Launcher, LAU-10D/A, H142	2	Oct 97	GFE	Onboard
0188	Rocket Motor, Inert MK 66 MOD 2, H308	52	Oct 97	GFE	Onboard
0189	Warhead, 2.75 Inch, Inert, H663	52	Oct 97	GFE	Onboard
0190	Warhead, 5.00 Inch, Inert, H886	8	Oct 97	GFE	Onboard
0191	TOW Dummy Guided Missile Cover, SK2142-TOW-001	2	Oct 97	GFE	Onboard
0192	Flare, Aircraft Parachute, LUU-2B/B Inert, L431	16	Oct 97	GFE	Onboard
0193	Kit, Flare Adapter, 7027657-10	8	Oct 97	GFE	Onboard
0194	Dispenser and Mine CBU Gator, 1183AS102	2	Oct 97	GFE	Onboard
0195	Rocket Motor MK 1 MOD 1, DL318AS200	8	Oct 97	GFE	Onboard
0196	Clip, Retainer, 3192382	100	Oct 97	GFE	Onboard
0197	Warhead, 2.75 Inch Illumination, H812	4	Oct 97	GFE	Onboard
0198	Fuze MK 188 F/5.00 Inch Warhead, J345	8	Oct 97	GFE	Onboard
0199	Adapter, Booster T45, F402	12	Oct 97	GFE	Onboard
0200	Fin Assembly, F/MK 83 GP Bomb, F642	2	Oct 97	GFE	Onboard
0201	Target Detecting Device, MK 43, G382	2	Oct 97	GFE	Onboard
0202	Initiator, Firebomb, MK 13, DL601820	4	Oct 97	GFE	Onboard
0203	Cartridge, Dummy 20 MM, M50 Series, 1305-A924	200	Oct 97	GFE	Onboard
0204	25MM Dummy Ammunition, 1305-A968	12	Oct 97	GFE	Onboard
0205	Fuze Assembly, Bomb Dummy, FMU-139, F811	6	Oct 97	GFE	Onboard
0206	CCG MAU-169A/A (GBU-16), FW92, Inerted	2	Oct 97	GFE	Onboard
0207	AFG MXU-667/B (GBU-16), FW95	2	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0208	Shear Pin, F/SUU-25FA, LY57	100	Oct 97	GFE	Onboard
0209	Shield, RAD-HAZ F/TOW, JW83	4	Oct 97	GFE	Onboard
0210	MAU-166 F/GBU, 65C12057	6	Oct 97	GFE	Onboard
0211	MAU-182 Swivel, LW04	8	Oct 97	GFE	Onboard
SPTE					
0178	Launcher Detent Test Set, A/E99T-18, 120AS100	2	Oct 97	GFE	Onboard
0212	Bushing Removal Tool, 1409AS112	2	Oct 97	GFE	Onboard
0213	Assembly, Fixture Compression, 64A17D30	4	Oct 97	GFE	Onboard
0214	Assembly, Fixture Launcher, 64A17C50	8	Oct 97	GFE	Onboard
0215	Block, Detent Locking, 64A17B21	4	Oct 97	GFE	Onboard
0216	Gauge, AFT Snubber, (Maximum), 64A17C72	4	Oct 97	GFE	Onboard
0217	Gauge, AFT Snubber, (Minimum), 64A17C104	4	Oct 97	GFE	Onboard
0218	Gauge, FWD Snubber, (Maximum), 64A17C101	4	Oct 97	GFE	Onboard
0219	Gauge, Umbilical, 64A17D80	4	Oct 97	GFE	Onboard
0220	Tool, Installation and Removal, ATT. Bolt, 64A17C117	2	Oct 97	GFE	Onboard
0221	Tool, Installation and Removal, Power Supply, 1517500	2	Oct 97	GFE	Onboard
0222	Tool, Installation and Removal, Retainer Ring, 64A17C118	2	Oct 97	GFE	Onboard
0223	Wrench, Nitrogen Receiver, 1517501	2	Oct 97	GFE	Onboard
0224	Pin, Quick Release, 58A164D789	4	Oct 97	GFE	Onboard
0225	Hook Retainer Assembly, 56A47C68	2	Oct 97	GFE	Onboard
0226	Ground Safety Handle Spacer Sleeve, 4943867-1	4	Oct 97	GFE	Onboard
0227	Ejector Conduit Assembly Mechanical Puller, 5943860-1	4	Oct 97	GFE	Onboard
0228	Dummy Cartridge Spacer Sleeve, 4943866-1	4	Oct 97	GFE	Onboard
0229	Spanner Wrench, ST L 1848A	2	Oct 97	GFE	Onboard
0230	Pin, Quick Release, MS17986-1050	4	Oct 97	GFE	Onboard
0231	Spring Holder, 3943865-1	4	Oct 97	GFE	Onboard
0232	Spring Compression Tool, 3943864-1	2	Oct 97	GFE	Onboard
0233	BRU-33/A Alignment Tool	2	Oct 97	GFE	Onboard
0234	Tester, Spring Resile, L30	2	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0235	Breech Cap Plug Assembly Wrench, 3825733-501	2	Oct 97	GFE	Onboard
0236	Gauge Assembly, Guide Bar, 189F484	2	Oct 97	GFE	Onboard
0237	Chute, Element Load, 176F615	2	Oct 97	GFE	Onboard
0238	Gauge, Go No-Go, 176C1605	2	Oct 97	GFE	Onboard
0239	Lock Plate Tool, 105D3625	2	Oct 97	GFE	Onboard
0240	Gauge, Forward Snubber, Minimum, 64A17C71	4	Oct 97	GFE	Onboard
0241	Rod, Cleaning, Small, 8766012	2	Oct 97	GFE	Onboard
0242	Brush, Bore 20MM Cleaning Small Arms, 7225087	2	Oct 97	GFE	Onboard
0243	Tool, Removal, 58A164D823	2	Oct 97	GFE	Onboard
0244	Pin, Ground Safety, 106005-1	4	Oct 97	GFE	Onboard
0245	Key, Socket Headscrew, 106006-1	4	Oct 97	GFE	Onboard
0246	Tool, Cocking, 1732AS410	2	Oct 97	GFE	Onboard
0247	Gauge, Breech Space, 889C922G1	2	Oct 97	GFE	Onboard
0248	Gauge, Striker Point, 64A17C40	4	Oct 97	GFE	Onboard
0249	Fixture, Holding, 114C3004	2	Oct 97	GFE	Onboard
0250	Puller, Mechanical, GGGP00781	2	Oct 97	GFE	Onboard
0251	Packer, Main Bearing, 1732AS575	2	Oct 97	GFE	Onboard
0252	Gauge, Backlash, 217F938	1	Oct 97	GFE	Onboard
0253	Wrench, Torque, 0-600 Inch Pounds, A-A-2411	2	Oct 97	GFE	Onboard
0254	Wrench, Torque, 150-750 Inch Pounds, GGG-W-2843	2	Oct 97	GFE	Onboard
0255	Wrench, Torque, 100-750 Inch Pounds, 8139487	2	Oct 97	GFE	Onboard
0256	Wrench, Torque, 0-150 Inch Pounds, GGG-W-2483	2	Oct 97	GFE	Onboard
0257	Brush Section Assembly, 8766014	2	Oct 97	GFE	Onboard
0258	Micrometer, Depth, GGG-C-105	2	Oct 97	GFE	Onboard
0259	Wrench, Torque, 0-100 Inch Pounds, 1556707	2	Oct 97	GFE	Onboard
0260	Multimeter, Digital, 27-AN	2	Oct 97	GFE	Onboard
0261	Caliper, Micrometer, Outside (1 Inch), PMF109	4	Oct 97	GFE	Onboard
0262	Checking Fixture, Feeder Assembly, 105D3867	2	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0263	Element Load, Chute Assembly, 176C1534	2	Oct 97	GFE	Onboard
0264	Checking Fixture, Pickoff Unit, 105D3866	2	Oct 97	GFE	Onboard
0265	Wrench Set, Socket, 173AS400	2	Oct 97	GFE	Onboard
0266	Wrench, Adapter Span, 923AS219	2	Oct 97	GFE	Onboard
0267	Tool, Firing Lever P, 1732AS480	4	Oct 97	GFE	Onboard
0268	Compressor Assembly, Detent, 64A17D20	4	Oct 97	GFE	Onboard
0269	Adapter, Connector, 917AS8809	4	Oct 97	GFE	Onboard
0270	Assembly, Pump and Hose, 556136-1	2	Oct 97	GFE	Onboard
0271	Tool, Wing Actuator, MK83, 876413-3	2	Oct 97	GFE	Onboard
0272	Blind Nut Replacement Kit, BH25B	1	Oct 97	GFE	Onboard
0273	Mandrel, M2-1032	1	Oct 97	GFE	Onboard
0274	Tester, MK III Rocket Launcher, 11554090-2	2	Oct 97	GFE	Onboard
0275	Multimeter, 77BN	4	Oct 97	GFE	Onboard
0276	Test Set, GM Launcher, AN/AWM-90, 1271AS4000	2	Oct 97	GFE	Onboard
0277	Launcher Detent Test Set, LAU-118, 704AS4050-1	2	Oct 97	GFE	Onboard
0279	Rate of Flow Indicator, GMU-24/A, 61A91D100	2	Oct 97	GFE	Onboard
0280	Tester, Leakage/Pressure System, TTU-246/E, 61A17D1	2	Oct 97	GFE	Onboard
0281	Test Set, Bomb/Ejector Rack/ECU AN/AWM-94, 1532AS2000	2	Oct 97	GFE	Onboard
0282	Test Set, Gun System, 1395AS1548	2	Oct 97	GFE	Onboard
0283	Test Kit, Pneumatic, 1395AS849	2	Oct 97	GFE	Onboard
0284	Checking Fixture, CO, 1395AS569	2	Oct 97	GFE	Onboard
0285	Fixture Checking, SP, 1395AS569	2	Oct 97	GFE	Onboard
0286	Fixture Checking, SP, 1395AS565	2	Oct 97	GFE	Onboard
0287	Fixture Checking, 1395AS1557	2	Oct 97	GFE	Onboard
0288	Fixture, Gun Insert, 139AS691	2	Oct 97	GFE	Onboard
0289	Fixture, Bolt Assembly, 1395AS694	2	Oct 97	GFE	Onboard
0290	Checking Fixture, SP, 1395AS620	2	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0291	Checking Fixture, SP, 1395AS624	2	Oct 97	GFE	Onboard
0292	Checking Fixture, SP, 1395AS628	2	Oct 97	GFE	Onboard
0293	Gauge Set, Maximum Rounds, 1732AS300	2	Oct 97	GFE	Onboard
0294	Gauge, Firing Pin, 1395AS692	2	Oct 97	GFE	Onboard
0295	Checking Fixture, 1395AS852	2	Oct 97	GFE	Onboard
0296	Caliper, Vernier 0-24, GGG-C-111	2	Oct 97	GFE	Onboard
0297	M10 (T23) Barrel Erosion Gauge Adapter Kit, 7249506	2	Oct 97	GFE	Onboard
0298	Common Rack T/S & L, 3260AS100-1	6	Oct 97	GFE	Onboard
0299	Adapter, Test, W21, 3260AS701-1	4	Oct 97	GFE	Onboard
0300	Adapter, Test, W24, 3260AS704-1	4	Oct 97	GFE	Onboard
0301	Adapter, Test, W25, 3260AS705-1	4	Oct 97	GFE	Onboard
0302	Adapter, Test, W26, 3260AS706-1	4	Oct 97	GFE	Onboard
0303	Adapter, Test, W27, 3260AS707-1	4	Oct 97	GFE	Onboard
0304	Adapter, Test, W28, 3260AS708-1	4	Oct 97	GFE	Onboard
0305	Adapter, Test, W31, 3260AS711-1	4	Oct 97	GFE	Onboard
0306	Adapter, Test, W32, 3260AS712-1	4	Oct 97	GFE	Onboard
0307	Adapter, Test, W33, 3260AS713-1	4	Oct 97	GFE	Onboard
0308	Adapter, Test, W34, 3260AS714-1	4	Oct 97	GFE	Onboard
0309	Adapter, Test, W38, 3260AS717-1	4	Oct 97	GFE	Onboard
0310	Adapter, Test, W39, 3260AS721-1	4	Oct 97	GFE	Onboard
0311	Adapter, Test, W47, 3260AS726-1	4	Oct 97	GFE	Onboard
0312	Adapter, Test, W47, 3260AS726-1	4	Oct 97	GFE	Onboard
0313	Adapter, Test, W48, 3260AS727-1	4	Oct 97	GFE	Onboard
0314	Adapter, Test, W49, 3260AS728-1	4	Oct 97	GFE	Onboard
0315	Tester, Bomb Rack, Load A/F48T-5, 1401AS100-1	1	Oct 97	GFE	Onboard
0316	Checking Fixture, Conveyor Ammunition, 1395AS1557	2	Oct 97	GFE	Onboard
0317	Go No-Go Gauge, 10480	2	Oct 97	GFE	Onboard
0318	Piston Retainer Socket Wrench, 74D750035-1001	2	Oct 97	GFE	Onboard
0319	Insert assembly, Element, 917AS702	4	Oct 97	GFE	Onboard

IV.A.2. TRAINING DEVICES

DEVICE: AIRAT, 543-174-0109
DESCRIPTION: Inert Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 39470

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: CATM 119B Penguin, 650-174-0070
DESCRIPTION: Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 39470

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: CATM 120B AMRRAM, 3819509-106
DESCRIPTION: Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 39470

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: CATM 7 Sparrow, 917AS7046
DESCRIPTION: Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 39470

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Pending	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

IV.A.2. TRAINING DEVICES

DEVICE: DATM 84E-1
DESCRIPTION: Dummy Training Missile with Wings and Fins
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 39470

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: DATM88A, 704AS221-1-2
DESCRIPTION: Dummy Guided Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 39470

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: MK4 MOD7 Walleye, 384AS100
DESCRIPTION: Inert Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 39470

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: TOW Missile, SK2142-TOW-001
DESCRIPTION: Dummy Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 39470

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: CATM-120/B AMRAAM, BWDF
DESCRIPTION: Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

DEVICE: DGTR-18A Smokey SAM Trainer, H316
DESCRIPTION: SAM Trainer
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

DEVICE: Dummy Guided Missile, DATM 9L-2, 639AS6566
DESCRIPTION: Dummy Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

IV.A.2. TRAINING DEVICES

DEVICE: HELLFIRE Dummy Missile M-34, 2W59
DESCRIPTION: Dummy Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

DEVICE: Maverick Dummy Guided Missile, 2w90
DESCRIPTION: Dummy Guided Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

DEVICE: TALD Decoy, 4W38
DESCRIPTION: Decoy
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

IV.B. COURSEWARE REQUIREMENTS

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET

LOCATION, UIC: NS Mayport, 39470

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
16 MM Projector, 4A1B	1	Oct 97	Onboard
Screen Projector, 4H1A	1	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Transparencies (99 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (5)	5	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET

LOCATION, UIC: Norfolk, 66046

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
16 MM Projector, 4A1B	1	Oct 97	Onboard
Screen Projector, 4H1A	1	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Transparencies (99 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4Dd3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (5)	5	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET

LOCATION, UIC: North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
16 MM Projector, 4A1B	1	Oct 97	Onboard
Screen Projector, 4H1A	1	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Transparencies (99 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (5)	5	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET

LOCATION, UIC: Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
16 MM Projector, 4A1B	1	Jul 99	Onboard
Screen Projector, 4H1A	1	Jul 99	Onboard
Still Picture, Overhead, 1BC7	1	Jul 99	Onboard
Transparencies (99 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Jul 99	Onboard
Video Monitor Receiver, 4D10C	1	Jul 99	Onboard
Video Tapes (5)	5	Oct 97	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC: MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Projector, Overhead, 4A8D	6	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET

LOCATION, UIC: NS Mayport, 39470

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AW-820CE-MIB-010 Intermediate Maintenance Instructions, with Illustrated Parts Breakdown (IPB), Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile	Hard copy	8	Oct 97	Onboard
AW-820HN-MIB-000 Organizational Fleet Maintenance, with IPB, Harpoon/Slam Missile Air Launch Configurations	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Technical Manual, Organizational and Intermediate Maintenance, Fleet Hellfire Surface Attack Guided Missile AGM-114B, Guided Missile AGM-114K, Training	Hard copy	8	Oct 97	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGB-2.2 Description, Assembly, Checkout, Maintenance and Handling Instructions with IPB, Fleet Intermediate Maintenance Guided Weapon (WALLEYE II)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-265GMAD-9-3.12 Sparrow III Guided Missile AIM-7/RIM-7 All Modes, Volume XII Fleet/NAS/FMF AUR Receiving and Processing AIM/RIM-7E/H/M Series and AIM-7F Maintenance	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/B37U-1 Organizational/Intermediate (Fleet) Maintenance Instructions, Tactical Air Launched Decoy (TALD) A/B37U-1(V)1 and A/B37U-1(V)2	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 01-A/RGM84A-2-3.1 Intermediate (Afloat/Ashore) Maintenance, Missile Sentencing Instructions for Harpoon/SLAM Missile air Launch Configurations	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM-122-2 Organizational and Intermediate Maintenance with IPB (Fleet), Guided Missiles and Training Missile AGM-122A and CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120-2 Technical Manual, Fleet Intermediate Maintenance Instructions with IPB, Aerial Intercept Guided Missile AIM-120 and CATM-120	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 010AGM84A-2-1 Intermediate (Fleet) Maintenance with IPB, Harpoon Missile Configurations, Surface Attack Air Launch Missile ATM-84A	Hard copy	8	Oct 97	Onboard
NAVAIR 01AIM54-2-3 CV/NAS, Intermediate Missile Handling and Maintenance Instructions, Phoenix Guided Missile, AIM-54A/C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-23 Guided Missile, AIM-9 Sidewinder Ship Weapons Installation Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Technical Manual, Armament Weapons Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75BGM-71-1 Technical Manual, Naval Weapons Station Inspection, Maintenance, and Packaging Procedures, Guided Missile Surface Attack BGM-71A/-71A-1 and Dummy Miss	Hard copy	8	Oct 97	Onboard
NAVAIR 19-100-1.1 Approved Handling Equipment for Weapons and Explosives (Adapters through Jigs)	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 19-25D-20 Operation, Service, and Maintenance Instructions with IPB, Intermediate, Air-Nitrogen Purifier MK 1 MOD 0 and MK 2 MOD 0	Hard copy	8	Oct 97	Onboard
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NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
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OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard
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CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET

LOCATION, UIC: Norfolk, 66046

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AW-820CE-MIB-010 Intermediate Maintenance Instructions, with Illustrated Parts Breakdown (IPB), Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile	Hard copy	8	Oct 97	Onboard
AW-820HN-MIB-000 Organizational Fleet Maintenance, with IPB, Harpoon/Slam Missile Air Launch Configurations	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Technical Manual, Organizational and Intermediate Maintenance, Fleet Hellfire Surface Attack Guided Missile AGM-114B, Guided Missile AGM-114K, Training	Hard copy	8	Oct 97	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGB-2.2 Description, Assembly, Checkout, Maintenance and Handling Instructions with IPB, Fleet Intermediate Maintenance Guided Weapon (WALLEYE II)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-265GMAD-9-3.12 Sparrow III Guided Missile AIM-7/RIM-7 All Modes, Volume XII Fleet/NAS/FMF AUR Receiving and Processing AIM/RIM-7E/H/M Series and AIM-7F Maintenance	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 01-A/B37U-1 Organizational/Intermediate (Fleet) Maintenance Instructions, Tactical Air Launched Decoy (TALD) A/B37U-1(V)1 and A/B37U-1(V)2	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/RGM84A-2-3.1 Intermediate (Afloat/Ashore) Maintenance, Missile Sentencing Instructions for Harpoon/SLAM Missile air Launch Configurations	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM-122-2 Organizational and Intermediate Maintenance with IPB (Fleet), Guided Missiles and Training Missile AGM-122A and CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120-2 Technical Manual, Fleet Intermediate Maintenance Instructions with IPB, Aerial Intercept Guided Missile AIM-120 and CATM-120	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 010AGM84A-2-1 Intermediate (Fleet) Maintenance with IPB, Harpoon Missile Configurations, Surface Attack Air Launch Missile ATM-84A	Hard copy	8	Oct 97	Onboard
NAVAIR 01AIM54-2-3 CV/NAS, Intermediate Missile Handling and Maintenance Instructions, Phoenix Guided Missile, AIM-54A/C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-23 Guided Missile, AIM-9 Sidewinder Ship Weapons Installation Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Technical Manual, Armament Weapons Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75BGM-71-1 Technical Manual, Naval Weapons Station Inspection, Maintenance, and Packaging Procedures, Guided Missile Surface Attack BGM-71A/-71A-1 and Dummy Miss	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 19-100-1.1 Approved Handling Equipment for Weapons and Explosives (Adapters through Jigs)	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25D-20 Operation, Service, and Maintenance Instructions with IPB, Intermediate, Air-Nitrogen Purifier MK 1 MOD 0 and MK 2 MOD 0	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET

LOCATION, UIC: North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AW-820CE-MIB-010 Intermediate Maintenance Instructions, with Illustrated Parts Breakdown (IPB), Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile	Hard copy	8	Oct 97	Onboard
AW-820HN-MIB-000 Organizational Fleet Maintenance, with IPB, Harpoon/Slam Missile Air Launch Configurations	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Technical Manual, Organizational and Intermediate Maintenance, Fleet Hellfire Surface Attack Guided Missile AGM-114B, Guided Missile AGM-114K, Training	Hard copy	8	Oct 97	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGB-2.2 Description, Assembly, Checkout, Maintenance and Handling Instructions with IPB, Fleet Intermediate Maintenance Guided Weapon (WALLEYE II)	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 01-265GMAD-9-3.12 Sparrow III Guided Missile AIM-7/RIM-7 All Modes, Volume XII Fleet/NAS/FMF AUR Receiving and Processing AIM/RIM-7E/H/M Series and AIM-7F Maintenance	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/B37U-1 Organizational/Intermediate (Fleet) Maintenance Instructions, Tactical Air Launched Decoy (TALD) A/B37U-1(V)1 and A/B37U-1(V)2	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/RGM84A-2-3.1 Intermediate (Afloat/Ashore) Maintenance, Missile Sentencing Instructions for Harpoon/SLAM Missile air Launch Configurations	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM-122-2 Organizational and Intermediate Maintenance with IPB (Fleet), Guided Missiles and Training Missile AGM-122A and CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120-2 Technical Manual, Fleet Intermediate Maintenance Instructions with IPB, Aerial Intercept Guided Missile AIM-120 and CATM-120	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 010AGM84A-2-1 Intermediate (Fleet) Maintenance with IPB, Harpoon Missile Configurations, Surface Attack Air Launch Missile ATM-84A	Hard copy	8	Oct 97	Onboard
NAVAIR 01AIM54-2-3 CV/NAS, Intermediate Missile Handling and Maintenance Instructions, Phoenix Guided Missile, AIM-54A/C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-23 Guided Missile, AIM-9 Sidewinder Ship Weapons Installation Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Technical Manual, Armament Weapons Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-75BGM-71-1 Technical Manual, Naval Weapons Station Inspection, Maintenance, and Packaging Procedures, Guided Missile Surface Attack BGM-71A/-71A-1 and Dummy Miss	Hard copy	8	Oct 97	Onboard
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NAVAIR 19-100-1.1 Approved Handling Equipment for Weapons and Explosives (Adapters through Jigs)	Hard copy	8	Oct 97	Onboard
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NAVAIR 19-25D-20 Operation, Service, and Maintenance Instructions with IPB, Intermediate, Air-Nitrogen Purifier MK 1 MOD 0 and MK 2 MOD 0	Hard copy	8	Oct 97	Onboard
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NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
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OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard
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CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET

LOCATION, UIC: Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AW-820CE-MIB-010 Intermediate Maintenance Instructions, with Illustrated Parts Breakdown (IPB), Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile	Hard copy	8	Oct 97	Onboard
AW-820HN-MIB-000 Organizational Fleet Maintenance, with IPB, Harpoon/Slam Missile Air Launch Configurations	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Technical Manual, Organizational and Intermediate Maintenance, Fleet Hellfire Surface Attack Guided Missile AGM-114B, Guided Missile AGM-114K, Training	Hard copy	8	Oct 97	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 01-15MGB-2.2 Description, Assembly, Checkout, Maintenance and Handling Instructions with IPB, Fleet Intermediate Maintenance Guided Weapon (WALLEYE II)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-265GMAD-9-3.12 Sparrow III Guided Missile AIM-7/RIM-7 All Modes, Volume XII Fleet/NAS/FMF AUR Receiving and Processing AIM/RIM-7E/H/M Series and AIM-7F Maintenance	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/B37U-1 Organizational/Intermediate (Fleet) Maintenance Instructions, Tactical Air Launched Decoy (TALD) A/B37U-1(V)1 and A/B37U-1(V)2	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/RGM84A-2-3.1 Intermediate (Afloat/Ashore) Maintenance, Missile Sentencing Instructions for Harpoon/SLAM Missile air Launch Configurations	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM-122-2 Organizational and Intermediate Maintenance with IPB (Fleet), Guided Missiles and Training Missile AGM-122A and CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120-2 Technical Manual, Fleet Intermediate Maintenance Instructions with IPB, Aerial Intercept Guided Missile AIM-120 and CATM-120	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 010AGM84A-2-1 Intermediate (Fleet) Maintenance with IPB, Harpoon Missile Configurations, Surface Attack Air Launch Missile ATM-84A	Hard copy	8	Oct 97	Onboard
NAVAIR 01AIM54-2-3 CV/NAS, Intermediate Missile Handling and Maintenance Instructions, Phoenix Guided Missile, AIM-54A/C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-23 Guided Missile, AIM-9 Sidewinder Ship Weapons Installation Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-140-25 Technical Manual, Armament Weapons Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75BGM-71-1 Technical Manual, Naval Weapons Station Inspection, Maintenance, and Packaging Procedures, Guided Missile Surface Attack BGM-71A/-71A-1 and Dummy Miss	Hard copy	8	Oct 97	Onboard
NAVAIR 19-100-1.1 Approved Handling Equipment for Weapons and Explosives (Adapters through Jigs)	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25D-20 Operation, Service, and Maintenance Instructions with IPB, Intermediate, Air-Nitrogen Purifier MK 1 MOD 0 and MK 2 MOD 0	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC: MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-AV8BB-WUC-800 AV-8B Aircraft Work Unit Code Manual	Hard copy	8	Oct 97	Onboard
AG-000A0-MEB-000 Expeditionary Airfield Tactical Weapons Support Equipment	Hard copy	8	Oct 97	Onboard
AW-380VB-MIB-000 Organizational and Intermediate Maintenance Instruction with IPB, Description and Principles of Operation, Aircraft Bomb Ejector Rack BRU-36/A	Hard copy	8	Oct 97	Onboard
AW-381VB-MIB-000 Intermediate Maintenance with IPB, 25 MM Aircraft Gun System A/A49E-10	Hard copy	8	Oct 97	Onboard
AW-381VB-MIB-100 Intermediate Maintenance with IPB, GAU-12/U 25 mm Automatic Gun	Hard copy	8	Oct 97	Onboard
AW-381VB-MIB-200 Intermediate Maintenance with IPB, 25MM Ammunition Handling Subsystem GFK-11/A49E-10	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

AW-382AC-750-000 Intermediate Maintenance with IPB, Ejector Rack Assembly BRU-32/A and BRU-32A/A	Hard copy	8	Oct 97	Onboard
AW-382AC-750-010 Intermediate Maintenance with IPB, Vertical Ejector Rack Assembly BRU-33/A and BRU-33A/A	Hard copy	8	Oct 97	Onboard
AW-386AC-750-000 Intermediate Maintenance with IPB, Aircraft Fuselage Centerline Pylon	Hard copy	8	Oct 97	Onboard
AW-386AC-750-030 Intermediate and Depot Maintenance with IPB, Aircraft Wing Pylon SUU-63/A and SUU-63A/A	Hard copy	8	Oct 97	Onboard
AW-38AC-750-000 Intermediate Maintenance with IPB for 20MM Double Ended Linkless Gun System	Hard copy	8	Oct 97	Onboard
AW-394AC-750-000 Intermediate and Depot Maintenance with IPB, Aircraft Guided Missile Launcher LAU-115A, LAU-115A/A, LAU-115B/A, LAU-115C/A	Hard copy	8	Oct 97	Onboard
AW-394AC-750-010 Intermediate and Depot Maintenance with IPB, Aircraft Guided Missile Launcher LAU-116/A and LAU-116A/A	Hard copy	8	Oct 97	Onboard
AW-394YB-MIB-000 Intermediate Maintenance with IPB, for Aircraft Guided Missile Launcher M272	Hard copy	8	Oct 97	Onboard
AW-820CE Intermediate Maintenance Instructions with IIPB, Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile AGM-65F	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Hellfire Surface Attack Guided Missile AGM-114B Training Guided Missile M-36, Dummy Guided Missile M-34	Hard copy	8	Oct 97	Onboard
CNETINST 1500-20 Series Safety Procedures for Conducting Training	Hard copy	8	Oct 97	Onboard
MCO 8023.3 Handling, Qualification and Certification Program for Class V Munitions and Explosives	Hard copy	8	Oct 97	Onboard
MCO P1200.7 Military Occupational Specialties Manual (MOS Manual)	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 00-25-100 Naval Air Systems command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-300 Naval Air Systems Command Technical Directives System	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-103 NATOPS Conventional Weapons Handling Procedures (Ashore)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGD-1 Laser Guided Bombs MK 82, MK83, and MK 84 with Guidance Charts	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM122A-2 Guided Missile AGM-122A and Captive Carry Missile CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM88A-2 HARM Guided Missile Tactical (AGM-88A, AGM-88B) Captive Air Training Missile (CATM-88A, CATM-88B) Dummy Air Training Missile (DATM-88A)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120A-2 Fleet Intermediate Maintenance Instructions with IPB, AMRAAM AIM-120A and Captive Air Training Missile (CATM)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9L/M-2.1 Sidewinder Guided Missile AIM-9L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-119 Ammunition for Navy 20MM/25MM Aircraft Guns Description, Characteristics, Safety, Maintenance, and Packaging	Hard copy	8	Oct 97	Onboard
NAVAIR 11-100-1.1 General Use Cartridges, Cartridge Activated Devices for Aircraft and Unique Aircraft Systems (CADs)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-100-1.3 Cartridges and Cartridge Actuated Devices for Bomb Racks/Launchers, Bomb Dummy Units, and Airborne Missile Systems (CADs)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-40 Guided Missile AIM-7D/E/F Sparrow	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-55 CBU-78A/B Cluster Bomb Unit (Gator)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-59 LUU-2B Aircraft Parachute Flare and SUU-25F/A Flare Dispenser	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-140-24 Airborne Weapons Support Equipment Description and Characteristics	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Armament Weapons Support Equipment Configuration Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-5 MK 80 Series Bombs	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-5-1 Checklist Bombs, Bomb Fins/Fuzes/Associated Components and Practice Bombs	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-6.1 Airborne Weapons Assembly Manual, Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate maintenance Activities	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-6.2.-2 Airborne Weapons Assembly Checklist AGM-65 Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-6.3 Airborne Weapons Assembly Manual Volume III	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-8 Firebombs	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-9 Cluster Bomb Units	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-9-3 CBU-78 Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1F-2 Airborne Bomb and Rocket Fuzes Descriptions and Characteristics Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-45BB-9 Intermediate Maintenance with IPB, 20 MM Point and Suppressive Fire System A/A49-E-7(V4)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5-603 Organizational, Intermediate, and Depot Maintenance Instruction Manual with IPB, Improved Multiple Ejector Rack (IMER), Improved Triple Ejector Rack	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5A-17 General Purpose Bombs and Associated Components, Description, Safety, Service, and Handling	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-5A-36 Intermediate Maintenance Instruction with IPB, Hard Target Penetrator Laser-Guided Bomb GBU-24B/B	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5D-20 Organizational, Intermediate, and Depot Maintenance with IPB, Ejector Rack Assembly Model AERO-7A-5	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5E-19 Organizational, Intermediate, and Depot Maintenance with IPB, Rack, Aircraft Store Ejector Tally	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75-63 Operational Organizational and Intermediate Maintenance Instructions With IPB, Smokey Sam Simulator/Anti-aircraft, Artillery Visual Cueing System	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-514 Organizational and Intermediate Maintenance with IPB, Aircraft Guided Missile Launcher LAU-127A/A	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-54 Organizational, Intermediate, and Depot Maintenance with IPB, Aircraft Guided Missile Launcher LAU-7A Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-59 Intermediate Maintenance with IPB, Missile Launcher Adapter ADU-299/E - ADU-299A/A	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-61 2.75 Inch Airborne Rocket Launchers (LAU-61A/A, LAU-61B/A, LAU-61C/A, LAU-68B/A, and LAU-68D/A)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-73 Organizational, Intermediate, and Depot Maintenance with IPB, Aircraft Bomb Ejector Rack BRU Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-78 Intermediate Maintenance with IPB, Aircraft Guided Missile Launcher LAU-118 Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-79 Intermediate Maintenance with IPB, Aircraft Guided Missile Launcher LAU-117 Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-90 Organizational and Intermediate Maintenance with IPB, TOW Missile Launcher	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-75AA-48 Dispenser SUU-25F/A	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75AA-48 Guided Missile Surface Attack BGM-71A/71A1 and Dummy Missile BTM-71C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-85-1 Aircrew Escape Propulsion Systems (AEPS) Devices	Hard copy	8	Oct 97	Onboard
NAVAIR 11-85-5 Airborne Rockets Description, Safety, Service, and Handling Instructions	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95-13 Organizational and Intermediate Maintenance with IPB, Aircraft Machine Gun Caliber .50 XM218	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95GAU2B-1 Organizational and Intermediate Maintenance with IPB, GAU-2B/A 7.62mm Aircraft Machine Gun	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M197-1 Maintenance Instruction with IPB, Organizational and Depot Levels, M197 20MM Automatic Gun	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M240D1-1 Organizational Maintenance with IPB, 7.62MM Aircraft Machine Gun M240D	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M61A1-1 Maintenance Instructions with IPB Intermediate Level M61A1 20MM Automatic Gun	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M61A2-1 Maintenance Instructions Manual with IPB Intermediate Maintenance Level M61A2 20MM Lightweight Automatic Gun	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M89-1 Maintenance Instructions with IPB, Organizational Level, M89 Declutching Feeder	Hard copy	8	Oct 97	Onboard
NAVAIR 16-30ALE29-3 Countermeasures Chaff Dispensing Set AN/ALE-29A	Hard copy	8	Oct 97	Onboard
NAVAIR 17-1-108 Torque Tools, Use, Care, and Testing Instructions	Hard copy	8	Oct 97	Onboard
NAVAIR 19-1-269 Intermediate Operation and Maintenance Instructions with IPB, Linkless Ammunition Loading System A/E32K-7	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 19-1-86 Expeditionary Airfield (EAF) Weapon Ready Service Shelter and Handling System A/E-99K-1	Hard copy	8	Oct 97	Onboard
NAVAIR 19-100-3 Operation and Intermediate Maintenance with IPB, Weapons Support Equipment	Hard copy	8	Oct 97	Onboard
NAVAIR 19-15-37 Operation and Intermediate Maintenance Munitions Assembly Conveyor	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25E-43 Rough Terrain Trailers A/M32K-4, -4A	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25E-52 Armament Maintenance Trailer, A/M32U-13	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25E-63 Munitions Trailer, MHU-151/M	Hard copy	8	Oct 97	Onboard
NAVSEA OP 1014 Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3565 Volume II Electromagnetic Radiation Hazards (to Ordnance)	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume I Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, and Shipping	Hard copy	8	Oct 97	Onboard
NAVSUP PUB 409 MILSTRIP/MILSTRAP Desk Guide	Hard copy	8	Oct 97	Onboard
NAVSUP PUB 437 MILSTRIP/MILSTRAP Military Standard & Requisition and Issue Procedures	Hard copy	8	Oct 97	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 5530.13 Department of the Navy Physical Security Instruction for Conventional Arms, Ammunition, and Explosives (AA&E)	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Naval Airborne Weapons Maintenance Program	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

SW050-AB-MMA-010 Pyrotechnic, Screening, Marking, and Countermeasures Devices	Hard copy	8	Oct 97	Onboard
TN 08670B-10/A Operators Manual Machine Gun 7.62 MM M240G	Hard copy	8	Oct 97	Onboard
TW010-AA-ORD-010 Ammunition Stock List	Hard copy	8	Oct 97	Onboard
TW010-AA-ORD-020 Navy Ammunition Supply Data	Hard copy	8	Oct 97	Onboard
TW010-AA-ORD-030 Navy Ammunition Logistic Code	Hard copy	8	Oct 97	Onboard
TWO-24-AA-ORD-010 Ammunition Unserviceable, Suspended, and Limited Use	Hard copy	8	Oct 97	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Conduct Analysis of MPT Requirements		Completed
DCNO/DMSO/CMC SPONSOR	Program Training Resource Requirements		Completed
PDA	Fleet Introduction		Completed
PDA	Promulgate ILS Master Plan		Completed
TA	Begin Follow-on Training		Completed
DA	Promulgate Update Draft NTP for Review		Completed
PDA	Submit Proposed NTP to OPNAV		Completed
DCNO (MPT)	Approve and Promulgate NTP		Completed
TSA	Begin Initial Training		Completed
TSA	Deliver Technical Training Equipment		Completed
TSA	Deliver Curricula Materials		Completed
TSA	Develop Draft NTSP (Update)		Completed
PDA	HH-60H Hellfire IOC		Completed
TSA	HH-60H Hellfire Fleet Introduction		Completed
PDA	SH-60B AGM-114K IOC	Aug 98	Completed
TSA	Distribute Draft NTSP	Mar 99	Completed
PDA	Submit Proposed NTSP to OPNAV	Jan 00	Pending
DCNO (MPT)	Approve and Promulgate NTSP	Mar 00	Pending
PDA	AGM-114M IOC	Oct 00	Pending

PART VI - DECISION ITEMS/ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
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No action items required.

PART VII - HELLFIRE POINTS OF CONTACT

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Mr. Steve Berk CNET ETS-23	CNET NTSP Distribution	(850) 452-8919, DSN 922 (850) 452-4853 (fax) stephen.berk@smtp.cnet.navy.mil
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PART VII - HELLFIRE POINTS OF CONTACT

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